

MONITORAGGIO DELLA LAGUNA DI VENEZIA AI SENSI DELLA DIRETTIVA 2000/60/CE

FINALIZZATO ALLA DEFINIZIONE DELLO STATO ECOLOGICO

DECRETO LEGISLATIVO N. 152/2006 e s.m.i.

Valutazione dei dati acquisiti nel monitoraggio ecologico 2020-2022 ai fini della classificazione ecologica dei corpi idrici lagunari

(elementi di qualità fisico-chimica e chimici, ad esclusione delle sostanze non prioritarie della colonna d'acqua a supporto dello stato ecologico, elementi di qualità biologica)

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PREMESSA

In data 16/03/2022 è stato sottoscritto l'Accordo di Collaborazione tecnico scientifica tra ISPRA e ARPAV (Progetto Mo.V.Eco. IV) con scadenza 31/05/2023, ai sensi dell'Art. 15 L. n. 241/1990 e ss.mm.ii., nell'ambito del monitoraggio della Laguna di Venezia. Il presente documento, redatto dall'ISPRA e dall'U.O. Monitoraggio Acque Marine e Lagunari di ARPAV, risponde a quanto richiesto al comma 2.1 lett. d) e al comma 2.3 del suddetto Accordo, di elaborare i dati acquisiti dal monitoraggio degli elementi di qualità chimico-fisica a supporto della classificazione ecologica (elementi generali ad esclusione delle sostanze non prioritarie) e i dati del monitoraggio degli elementi di qualità biologica (ove disponibili), ai fini della classificazione ecologica dei corpi idrici lagunari, entro il 31/03/2023, termine posticipato al 31/05/2023 con nota ARPAV prot. n. 17674 del 23/02/2023.

Nell'ambito del precedente accordo di collaborazione, sottoscritto il 22/11/2018, ISPRA e ARPAV hanno predisposto il *"Piano di monitoraggio dei corpi idrici della Laguna di Venezia ai sensi della Direttiva 2000/60/CE finalizzato alla definizione dello stato ecologico, Decreto Legislativo n. 152/2006 s.m.i., Piano di gestione 2021-2027, Ciclo di monitoraggio 2020-2022"* di ottobre 2020 (di seguito "Piano di Monitoraggio, 2020").

Ai fini, inoltre, di allineare i sessenni di monitoraggio all'interno dei rispettivi bacini idrografici e di poter disporre in fase di aggiornamento del Piano di Gestione di dati di monitoraggio validati il più recenti possibile, si è ritenuto opportuno già dallo scorso Piano di Gestione di svincolare i sessenni di monitoraggio dai cicli di pianificazione. Pertanto il Piano di Gestione vigente 2021-2027, dal punto di vista dei monitoraggi, fa riferimento al sessennio 2020-2025, suddiviso nei trienni di monitoraggio operativo 2020-2022 e 2023-2025.

Come descritto nel suddetto documento di progettazione (Piano di monitoraggio 2020), in ottemperanza al D.M. 260/2010, Tab. 3.7, ed in continuità con quanto eseguito nei cicli di monitoraggio precedenti, la frequenza di campionamento dei parametri fisico-chimici in colonna d'acqua (Condizioni termiche, Ossigenazione, Salinità e Stato dei nutrienti) per il triennio 2020-2022 è stata, per ogni anno, trimestrale e in coincidenza con i campionamenti degli EQB fitoplancton, macrofite e fauna ittica quando in corso. Gli EQB macrofite e fauna ittica sono stati campionati nel 2021, i macroinvertebrati bentonici nel 2022, mentre il fitoplancton è stato monitorato annualmente dal 2020 al 2022 con cadenza trimestrale.

Il campionamento e le analisi degli elementi generali nell'acqua sono stati eseguiti da ARPAV, per il triennio 2020-2022, nei mesi di febbraio/marzo, aprile/maggio, luglio/agosto e novembre, mentre per ciò che concerne la valutazione dello stato di ossigenazione dei corpi idrici, in continuità con i precedenti cicli di monitoraggio, ci si avvarrà dei dati provenienti dalle sonde di rilevamento in continuo dell'ossigeno della rete U.T.A. (o SAMANET) quando disponibili. Per quanto riguarda queste attività si è fatto riferimento a quanto programmato da parte del Provveditorato Interregionale per le Opere Pubbliche per il Veneto – Trentino Alto Adige – Friuli Venezia Giulia (di seguito riportato come "Provveditorato per le Opere Pubbliche"). Come avvenuto a partire dal 2013, i dati relativi alle condizioni di ossigenazione

non sono più elaborati dal Provveditorato per le Opere Pubbliche, ma verranno trasferiti come database all'ARPAV.

Il campionamento, l'analisi tassonomica e la stesura delle relazioni per l'EQB macrofite sono stati eseguiti dall'Università Ca' Foscari di Venezia - Dipartimento di Scienze Ambientali, Informatica e Statistica (DAIS). L'analisi tassonomica e le elaborazioni per l'EQB macroinvertebrati bentonici sono state svolte da SELC Soc. Coop. Il campionamento della fauna ittica è stato eseguito da Laguna Project Snc.

Il campionamento e l'analisi tassonomica del fitoplancton, sono stati eseguiti da ARPAV, con il supporto operativo di SELC Soc. Coop fino a giugno 2021, successivamente in autonomia. Il campionamento dei macroinvertebrati bentonici, l'analisi tassonomica della fauna ittica e le analisi sui campioni di sedimento a supporto degli EQB macrofite e macroinvertebrati bentonici sono stati svolti interamente da ARPAV.

1 INTRODUZIONE

Il Piano di Gestione della sub unità idrografica Bacino Scolante, Laguna di Venezia e mare antistante ha classificato tutti i corpi idrici della laguna di Venezia come "a rischio" di non raggiungere gli obiettivi previsti dalla Direttiva 2000/60/CE. Tale valutazione di rischio è stata riconfermata dai successivi aggiornamenti del Piano di Gestione. Ai sensi della Direttiva e della normativa nazionale di recepimento (D.Lgs. 152/2006 e s.m.i.) è stato pertanto applicato il monitoraggio operativo a tutti i corpi idrici lagunari.

Il Piano di monitoraggio (2020) predisposto da ISPRA e ARPAV prevedeva, in continuità con i precedenti piani (Piani di Monitoraggio, 2010, 2013 e 2016), due distinte linee di attività:

- il **monitoraggio operativo**, che, come previsto dalla Direttiva, in base alle pressioni insistenti sui corpi idrici della laguna, ha avuto come oggetto di indagine gli **EQB Macroalghe, Fanerogame e Macroinvertebrati bentonici** e i **parametri fisico-chimici e chimici e idromorfologici** a supporto dei parametri biologici;
- il **monitoraggio addizionale**, che è stato aggiunto al monitoraggio operativo allo scopo di fornire un'informazione più completa dello stato lagunare. Per il monitoraggio addizionale è stato individuato un sottoinsieme di stazioni del monitoraggio operativo sul quale sono stati monitorati anche gli **EQB Fauna ittica e Fitoplancton**.

Ai sensi della Direttiva Quadro sulle Acque (2000/60/CE) e della normativa nazionale di recepimento (D.Lgs. 152/2006 e ss.mm.ii.) lo stato ecologico dei corpi idrici è classificato in base alla classe più bassa, risultante dai dati di monitoraggio, relativa agli:

- Elementi biologici (EQB);
- Elementi fisico-chimici a sostegno, ad eccezione di quelli indicati all'Allegato 1 del D.Lgs. 152/2006 e ss.mm.ii., come utili ai fini interpretativi;
- Elementi chimici a sostegno (altre sostanze non appartenenti all'elenco di priorità).

Il D.M. 260/2010 definisce il sistema di classificazione (metriche, indici, condizioni di riferimento, soglie) da utilizzare per gli elementi di qualità biologica macroalghe, fanerogame, macroinvertebrati bentonici.

Per gli elementi di qualità fitoplancton e fauna ittica (utilizzati in Laguna di Venezia per il solo monitoraggio addizionale) si è fatto riferimento alla Decisione 2018/229/UE. Le misure dei parametri fisico-chimici della colonna d'acqua rientrano propriamente fra gli elementi a supporto dei parametri biologici. Il D.M. 260/2010 definisce all'articolo A.4.4.2. i criteri tecnici per la classificazione sulla base degli elementi di qualità fisico-chimica a sostegno.

In base a quanto richiesto dalla normativa di riferimento, nella classificazione dello stato ecologico delle acque di transizione, gli elementi fisico-chimici a sostegno del biologico da utilizzare sono:

- Azoto inorganico disciolto (DIN);
- Fosforo reattivo (P-PO₄);
- Ossigeno disciolto.

Per ciascuno di questi tre elementi il D.M. 260/2010 definisce un limite di classe Buono/Sufficiente (cfr. tabella 4.4.2/a del D.M. 260/2010).

2 MONITORAGGIO OPERATIVO

Per la progettazione del Piano di monitoraggio del 2013 è stata fatta un'accurata analisi della variabilità spaziale interna ai corpi idrici sulla base dei risultati del monitoraggio condotto nel 2011, al fine di ottimizzare lo sforzo di campionamento e garantire al tempo stesso un'adeguata affidabilità della classificazione dei corpi idrici. Tali valutazioni sono state fatte esclusivamente per gli EQB selezionati per il monitoraggio operativo e utilizzati quindi per la classificazione. Per il Piano di monitoraggio 2016 e 2020 si è mantenuto quanto previsto nel Piano di Monitoraggio 2013. In Tabella 1 è riportato lo sforzo di campionamento definito per ciascun EQB nei diversi Corpi Idrici naturali e nei corpi idrici fortemente modificati "Valli laguna Nord" e "Valli laguna Sud". Per quest'ultimo corpo idrico (VLCS) sono state previste ulteriori stazioni di monitoraggio sia per gli EQB del monitoraggio operativo che per i parametri chimico-fisici a supporto e per il fitoplancton. I risultati di queste stazioni integrative saranno trattati in un apposito report come previsto dall'accordo di collaborazione (Art.1 lettera e). In Tabella 2 sono elencate le stazioni selezionate per i due EQB oggetto di monitoraggio operativo e le relative coordinate in Gauss-Boaga fuso est.

Anche per questo triennio di monitoraggio operativo, pur nella necessità di soddisfare le esigenze specifiche stabilite dai protocolli per ciascun EQB, si è cercato il più possibile di mantenere la sovrapposizione delle griglie di campionamento, sia per ottenere una valutazione integrata dello stato dell'ecosistema, sia per minimizzare lo sforzo operativo (Figura 1).

Tabella 1. Sforzo di campionamento per gli EQB Invertebrati bentonici e Macrofite.

TIPO	Codice CORPO IDRICO	Invertebrati bentonici N° stazioni	Macrofite N° stazioni
<i>Polialino Confinato</i>	PC1	6	5
	PC2	10	4
	PC3	5	3
	PC4	4	3
<i>Eualino Confinato</i>	EC	7	13
<i>Eualino Non Confinato</i>	ENC1	16	22
	ENC2	4	8
	ENC3	3	3
	ENC4	6	10
<i>Polialino Non Confinato</i>	PNC1	5	5
	PNC2	9	9
<i>Fortemente Modificati</i>	VLN	1	2
	VLS	1	1
Totale numero stazioni		77	88
Frequenza annuale di campionamento		1	2
N° stazioni x frequenza annuale di campionamento		77	176

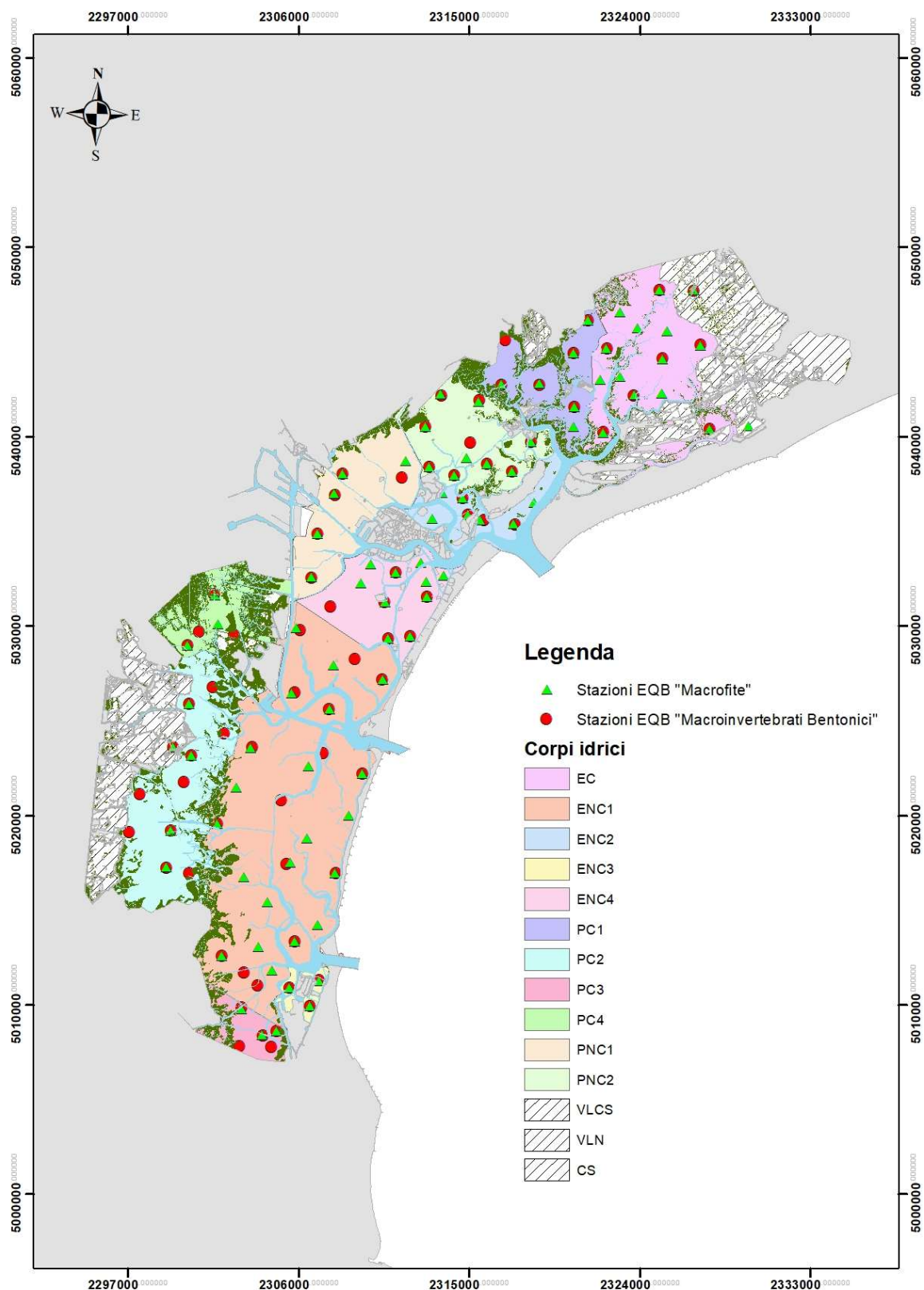


Figura 1. Localizzazione complessiva delle stazioni di campionamento degli EQB per il monitoraggio operativo.

Tabella 2. Stazioni, coordinate in Gauss Boaga Fuso EST ed Elementi di Qualità Biologica (MMF = Macrofite, B = Macroinvertebrati bentonici) del monitoraggio operativo della laguna di Venezia.

Stazioni	Gauss Boaga Fuso Est		Elementi di Qualità Biologica
	x	y	
EC_1	2325056	5047735	MMF, B
EC_2	2325228	5044097	MMF, B
EC_3	2323894	5045728	MMF
EC_4	2327230	5044822	MMF, B
EC_5	2322272	5044634	MMF, B
EC_6	2321944	5043022	MMF
EC_7	2327717	5040396	MMF, B
EC_8	2322078	5040210	MMF, B
EC_9	2325201	5042278	MMF
EC_10	2322967	5046569	MMF
EC_11	2322978	5043162	MMF
EC_12	2325457	5045569	MMF
EC_Ve-8	2323743	5042182	MMF, B
ENC1_1	2309391	5022175	MMF, B
ENC1_2	2305813	5013339	MMF, B
ENC1_3	2301947	5012547	MMF, B
ENC1_4	2303480	5023542	MMF, B
ENC1_5	2305904	5029869	MMF, B
ENC1_6	2308986	5028254	B
ENC1_7	2310456	5027166	MMF, B
ENC1_8	2307849	5027931	MMF
ENC1_9	2305664	5026434	MMF, B
ENC1_10	2307304	5023278	B
ENC1_12	2306555	5022592	MMF
ENC1_13	2302712	5021457	MMF
ENC1_14_bis	2305088	5020790	B
ENC1_15	2308670	5019983	MMF
ENC1_16	2306471	5018762	MMF
ENC1_17	2301708	5019550	MMF, B

Stazioni	Gauss Boaga Fuso Est		Elementi di Qualità Biologica
	x	y	
ENC1_18	2303130	5016740	MMF, B
ENC1_19	2307952	5016926	MMF, B
ENC1_21	2304385	5015425	MMF
ENC1_22	2307030	5014209	MMF
ENC1_23	2304621	5011806	MMF
ENC1_24	2303881	5013027	MMF
ENC1_25	2304000	5011100	B
ENC1_FI	2307650	5025604	MMF, B
ENC1_VS	2305545	5017438	B
ENC1_VS_bis	2305560	5017509	MMF
ENC2_1	2317348	5035381	MMF, B
ENC2_2	2315617	5035573	MMF, B
ENC2_3	2314938	5035878	MMF, B
ENC2_4	2313612	5037049	MMF
ENC2_5	2313075	5035660	MMF
ENC2_6	2319645	5038753	MMF
ENC2_8	2318442	5036493	MMF
ENC2_VG	2314676	5036743	MMF, B
ENC3_1	2305538	5010881	MMF, B
ENC3_2	2306606	5009932	MMF, B
ENC3_CH	2307093	5011256	MMF, B
ENC4_1	2312798	5031519	MMF, B
ENC4_2	2311146	5032813	MMF, B
ENC4_3	2312752	5032347	MMF
ENC4_4	2310752	5029317	MMF, B
ENC4_5	2311901	5029455	MMF, B
ENC4_6	2309809	5033265	MMF
ENC4_7	2312471	5033340	MMF
ENC4_8	2313663	5032668	MMF
ENC4_9	2309287	5032255	MMF

Stazioni	Gauss Boaga Fuso Est		Elementi di Qualità Biologica
	x	y	
ENC4_10	2307700	5031100	B
ENC4_Ve-6	2310582	5031242	MMF, B
PC1_1	2320575	5041541	MMF, B
PC1_1B	2316729	5042749	MMF, B
PC1_2	2321303	5046124	MMF, B
PC1_3	2318741	5042803	MMF, B
PC1_4	2320533	5044389	MMF, B
PC1_8	2320553	5040515	MMF
PC1_9	2316939	5045021	B
PC2_1	2300377	5023162	MMF, B
PC2_2	2301501	5026784	B
PC2_3	2299958	5021762	B
PC2_4	2297076	5019101	B
PC2_5	2299046	5017235	MMF, B
PC2_6	2300210	5016937	B
PC2_11	2297600	5021100	B
PC2_12	2302100	5024300	B
PC2_16B	2299280	5019185	MMF, B
PC2_CC	2300247	5025863	MMF, B
PC3_1	2303002	5009757	MMF, B
PC3_2	2304835	5008577	MMF, B
PC3_4	2302862	5007826	B
PC3_5	2304561	5007724	B
PC3_VDB	2304072	5008377	MMF, B
PC4_1	2300154	5028954	MMF, B
PC4_2	2300779	5029699	B
PC4_3	2302602	5029511	B
PC4_5	2301773	5030072	MMF
PC4_10B	2301587	5031628	MMF, B
PNC1_1	2311678	5038706	MMF, B

Stazioni	Gauss Boaga Fuso Est		Elementi di Qualità Biologica
	x	y	
PNC1_3	2307917	5036990	MMF, B
PNC1_4	2307021	5034876	MMF, B
PNC1_7B	2308338	5038011	MMF, B
PNC1_Ve-1	2306701	5032556	MMF, B
PNC2_1	2318288	5039719	MMF, B
PNC2_2	2315523	5041857	MMF, B
PNC2_3	2313522	5042248	MMF, B
PNC2_4	2312730	5040521	MMF, B
PNC2_5	2312908	5038401	MMF, B
PNC2_6	2314251	5037934	MMF, B
PNC2_7	2317280	5038162	MMF, B
PNC2_9	2314880	5038872	MMF
PNC2_10	2315100	5039700	B
PNC2_SG	2315953	5038555	MMF, B
VLCS_VLS	2299393	5023610	MMF, B
VLN_VLN1	2326873	5047729	MMF, B
VLN_VLN2	2329761	5040556	MMF

2.1 Macroinvertebrati bentonici

2.1.1 Rete di monitoraggio

In Figura 2 è riportata la localizzazione spaziale delle 77 stazioni di campionamento per l'EQB "macroinvertebrati bentonici". Il campionamento per il monitoraggio operativo è avvenuto in un'unica campagna primaverile (maggio/giugno 2022).

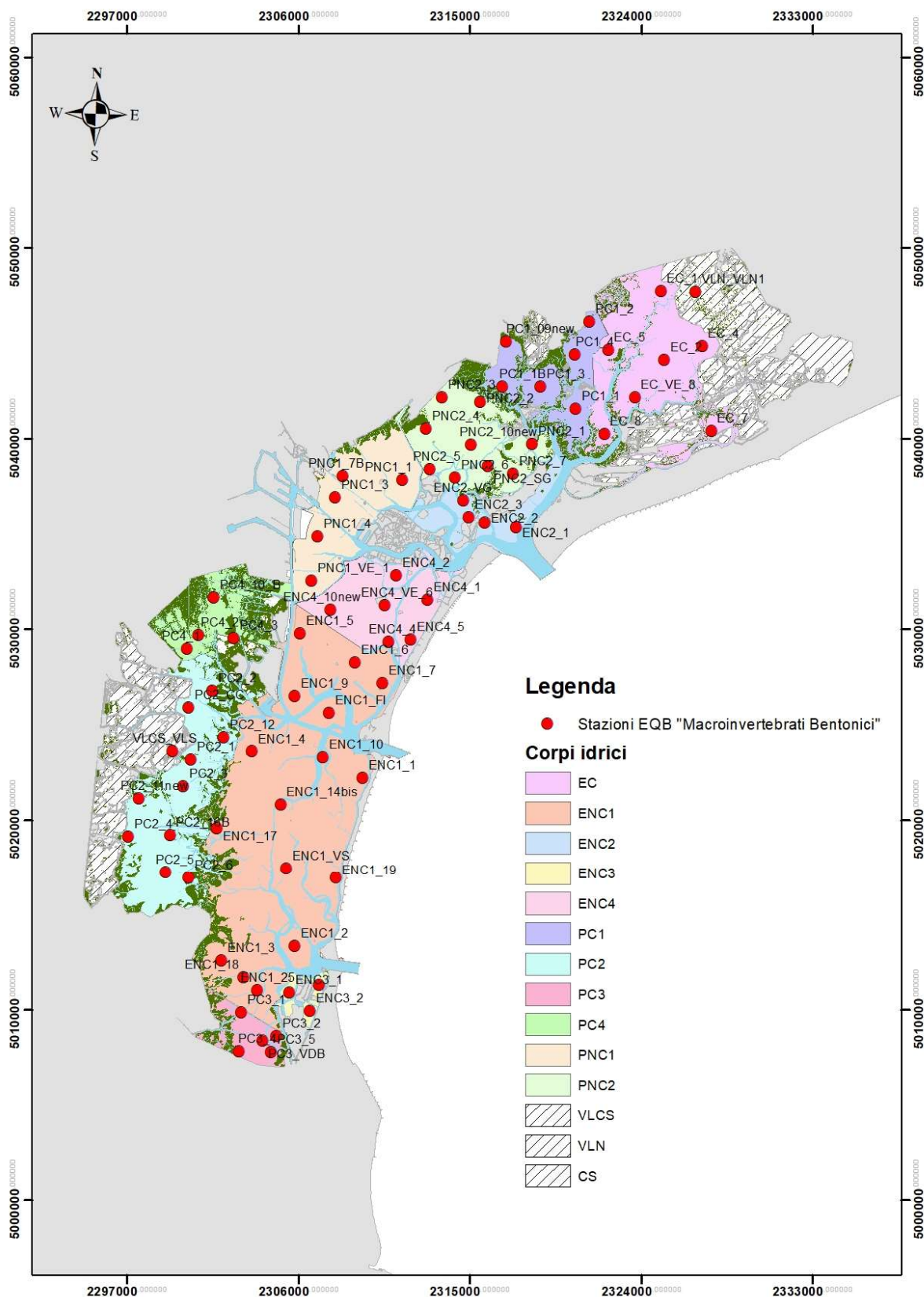


Figura 2. Localizzazione delle 77 stazioni di campionamento dell'EQB "Macroinvertebrati Bentonici".

2.1.2 Campionamento e analisi

I campioni di macrozoobenthos sono stati raccolti con una benna Ekman-Birge di superficie 15 x 15 cm (225 cm²), in grado di penetrare il sedimento verticalmente fino a circa 20 cm. Per ciascuna stazione sono stati prelevati 3 sub-campioni, con una superficie di presa complessiva pari a 0.0675 m². Le tre aliquote di sedimento sono state vagliate separatamente con un setaccio con maglia di luce 1 mm. Il materiale trattenuto dal setaccio è stato trasferito in una soluzione anestetizzante allo scopo di evitare che gli organismi si contraggano rendendo difficile il processo di identificazione. I campioni sono stati quindi posti in contenitori di plastica ed immersi in alcol etilico al 70% quale soluzione conservante.

In laboratorio il campione è stato sottoposto a smistamento ("sorting"). I macroinvertebrati sono stati inizialmente suddivisi per macrogruppi tassonomici (molluschi, crostacei, policheti, etc.) e quindi sottoposti a classificazione più fine da personale laureato, specializzato nei diversi settori della sistematica.

I dati sono stati ordinati e conformati secondo la nomenclatura tassonomica considerata nella Checklist della Fauna marina italiana, pubblicata dalla Società Italiana di Biologia Marina (SIBM, 2008, 2010). In caso di specie non contemplate dalla checklist italiana si è fatto riferimento al World Register of Marine Species (WORMS, 2015; <http://www.marinespecies.org/>).

Il data set è stato organizzato in una matrice di composizione della comunità in termini di abbondanza delle unità tassonomiche.

Per ogni stazione sono stati calcolati i seguenti macrodescrittori ed indici univariati: abbondanza totale, densità, ricchezza (numero di taxa), indice di ricchezza di Margalef (Margalef, 1958), indice di diversità di Shannon (Shannon & Weaver, 1949) e indice di omogeneità di Pielou (Pielou, 1966).

2.1.3 Indice per la classificazione dello stato ecologico: M-AMBI

L'indice M-AMBI (Borja *et al.*, 2004; Muxika *et al.*, 2007) è un indice multivariato che deriva da un'evoluzione dell'AMBI (BC), a cui si integra l'Indice di diversità di Shannon (H') ed il numero di specie (S). Il calcolo di AMBI (BC) si basa su un ampio database di taxa ai quali è stato assegnato un gruppo ecologico (da 1 a 5). Richiede dei valori di riferimento predefiniti relativi a un massimo ed un minimo di qualità. Il valore minimo corrisponde a condizioni teoriche (S = 0, H' = 0, BC = 6), mentre quello massimo è il riferimento introdotto dal D.M. 260/2010 in funzione del tipo di corpo idrico (vedi Tabella 3). L'indice M-AMBI produce direttamente un valore di RQE (rapporto di qualità ecologica), in base alla proiezione del campione lungo la retta identificata dai riferimenti nello spazio multi-dimensionale (a tre dimensioni) identificato da analisi fattoriale. Per il calcolo dell'indice è stato utilizzato il software gratuito applicato con l'ultimo aggiornamento disponibile della lista delle specie (<http://ambi.azti.es/> - Library: library Versione 2022).

Tabella 3. Valori di riferimento tipo-specifici previsti per il calcolo degli indici (D.M. 260 del 8/11/2010).

Macrotipo	Geomorfologia	Escursione di marea	Salinità	AMBI	Diversità di Shannon	Ricchezza	BITS
M-AT-1	laguna costiera	non tidale	-	1.85	3.3	25	2.80
M-AT-2	laguna costiera	microtidale	oligo-, meso-, polialina	2.14	3.40	28	3.40
M-AT-3	laguna costiera	microtidale	eu-, iperalina	0.63	4.23	46	3.40

L'attribuzione del campione ad una classe di qualità ecologica (ELEVATO, BUONO, SUFFICIENTE, SCARSO, CATTIVO) avviene poi sulla base di intervalli definiti sempre dal D.M. 260/2010 (Tabella 4).

Tabella 4. Limiti di classe in termini di RQE per l'indice ecologico M-AMBI.

Limiti di Classe - RQE M-AMBI			
Elevato/Buono	Buono/Sufficiente	Sufficiente/Scarso	Scarso/Cattivo
0.96	0.71	0.57	0.46

In Tabella 5 sono riportati i valori delle 77 stazioni secondo l'indice M-AMBI e la rispettiva classificazione secondo l'EQB Macroinvertebrati bentonici per la campagna primaverile 2022. Il calcolo dell'RQE e l'assegnazione della rispettiva classe di qualità per le due valli VLCS e VLN è stata calcolata considerando i due corpi idrici fortemente modificati come M-AT-1, lagune costiere non tidali, in quanto non sottoposte a regime di marea, ma controllate artificialmente.

Tabella 5. Risultati delle stazioni secondo l'indice M-AMBI. Le classi di qualità sono espresse tramite i colori convenzionali (blu: ELEVATO; verde: BUONO; giallo: SUFFICIENTE; arancio: SCARSO; rosso: CATTIVO)

Corpo idrico	Stazione	Punteggio M-AMBI	Classe	Corpo idrico	Stazione	Punteggio M-AMBI	Classe
EC	EC_1	0.43	Cattivo	PC1	PC1_4	0.61	Sufficiente
EC	EC_2	0.29	Cattivo	PC1	PC1_9New	0.42	Cattivo
EC	EC_4	0.63	Sufficiente	PC1	PC1_1B	0.55	Scarso
EC	EC_5	0.58	Sufficiente	PC2	PC2_1	0.55	Scarso
EC	EC_7	0.54	Scarso	PC2	PC2_2	0.55	Scarso
EC	EC_8	0.64	Sufficiente	PC2	PC2_3	0.59	Sufficiente
EC	EC_Ve-8	0.63	Sufficiente	PC2	PC2_4	0.53	Scarso
ENC1	ENC1_1	0.40	Cattivo	PC2	PC2_5	0.41	Cattivo
ENC1	ENC1_2	0.66	Sufficiente	PC2	PC2_6	0.81	Buono
ENC1	ENC1_3	0.49	Scarso	PC2	PC2_11New	0.62	Sufficiente
ENC1	ENC1_4	0.77	Buono	PC2	PC2_12	0.59	Sufficiente
ENC1	ENC1_5	0.69	Sufficiente	PC2	PC2_16B	0.48	Scarso
ENC1	ENC1_6	0.80	Buono	PC2	PC2_CC	0.85	Buono
ENC1	ENC1_7	0.66	Sufficiente	PC3	PC3_1	0.48	Scarso
ENC1	ENC1_9	0.62	Sufficiente	PC3	PC3_2	0.78	Buono
ENC1	ENC1_10	0.63	Sufficiente	PC3	PC3_4	0.75	Buono
ENC1	ENC1_14bis	0.66	Sufficiente	PC3	PC3_5	0.78	Buono
ENC1	ENC1_17	0.46	Scarso	PC3	PC3_VDB	0.67	Sufficiente
ENC1	ENC1_18	0.67	Sufficiente	PC4	PC4_1	0.44	Cattivo
ENC1	ENC1_19	0.54	Scarso	PC4	PC4_2	0.43	Cattivo
ENC1	ENC1_25	0.49	Scarso	PC4	PC4_3	0.57	Sufficiente
ENC1	ENC1_FI	0.68	Sufficiente	PC4	PC4_10B	0.73	Buono
ENC1	ENC1_VS	0.55	Scarso	PNC1	PNC1_1	0.73	Buono
ENC2	ENC2_1	0.56	Scarso	PNC1	PNC1_3	0.50	Scarso
ENC2	ENC2_2	0.50	Scarso	PNC1	PNC1_4	0.83	Buono
ENC2	ENC2_3	0.52	Scarso	PNC1	PNC1_7B	0.53	Scarso
ENC2	ENC2_VG	0.59	Sufficiente	PNC1	PNC1_Ve-1	0.70	Sufficiente
ENC3	ENC3_1	0.58	Sufficiente	PNC2	PNC2_1	0.60	Sufficiente
ENC3	ENC3_2	0.56	Scarso	PNC2	PNC2_2	0.71	Sufficiente
ENC3	ENC3_CH	0.65	Sufficiente	PNC2	PNC2_3	0.55	Scarso
ENC4	ENC4_1	0.71	Sufficiente	PNC2	PNC2_4	0.55	Scarso
ENC4	ENC4_2	0.55	Scarso	PNC2	PNC2_5	0.58	Sufficiente
ENC4	ENC4_4	0.48	Scarso	PNC2	PNC2_6	0.70	Sufficiente
ENC4	ENC4_5	0.63	Sufficiente	PNC2	PNC2_7	0.78	Buono
ENC4	ENC4_10new	0.42	Cattivo	PNC2	PNC2_10new	0.81	Buono
ENC4	ENC4_Ve-6	0.61	Sufficiente	PNC2	PNC2_SG	1.01	Elevato
PC1	PC1_1	0.70	Sufficiente	VLCS	VLCS_VLS	0.54	Scarso
PC1	PC1_2	0.57	Scarso	VLN	VLN_VLN1	0.30	Cattivo
PC1	PC1_3	0.97	Elevato				

La classificazione per corpo idrico è stata ottenuta come media semplice tra tutte le stazioni in esso presenti. La Tabella 6 riporta per ogni corpo idrico i valori di RQE e la classificazione nelle cinque classi di qualità. Sono stati esclusi dalla classificazione i CI "fortemente modificati" VLN e VLCS, ovvero le valli da pesca della laguna nord e centro-sud, in quanto descritti da una singola stazione e localizzati presso valli arginate, indipendenti e gestite in modo autonomo.

Tabella 6. Media semplice degli EQR per l'indice M-AMBI calcolata su ciascuno dei Corpi Idrici (esclusi i CI fortemente modificati). Le classi di qualità sono espresse tramite i colori convenzionali (blu: ELEVATO; verde: BUONO; giallo: SUFFICIENTE; arancio: SCARSO; rosso: CATTIVO).

Corpi Idrici	Punteggio M-AMBI	Classe
EC	0.54	Scarso
ENC1	0.61	Sufficiente
ENC2	0.54	Scarso
ENC3	0.60	Sufficiente
ENC4	0.57	Scarso
PC1	0.64	Sufficiente
PC2	0.60	Sufficiente
PC3	0.69	Sufficiente
PC4	0.55	Scarso
PNC1	0.66	Sufficiente
PNC2	0.70	Sufficiente

La classificazione basata sull'indice M-AMBI definisce lo stato dei corpi idrici ENC1, ENC3, PC1, PC2, PC3, PNC1 e PNC2 come SUFFICIENTE, mentre EC, ENC2, ENC4 e PC4 sono classificati in stato SCARSO.

In Figura 3 è riportata la classificazione dei corpi idrici secondo l'indice M-AMBI.

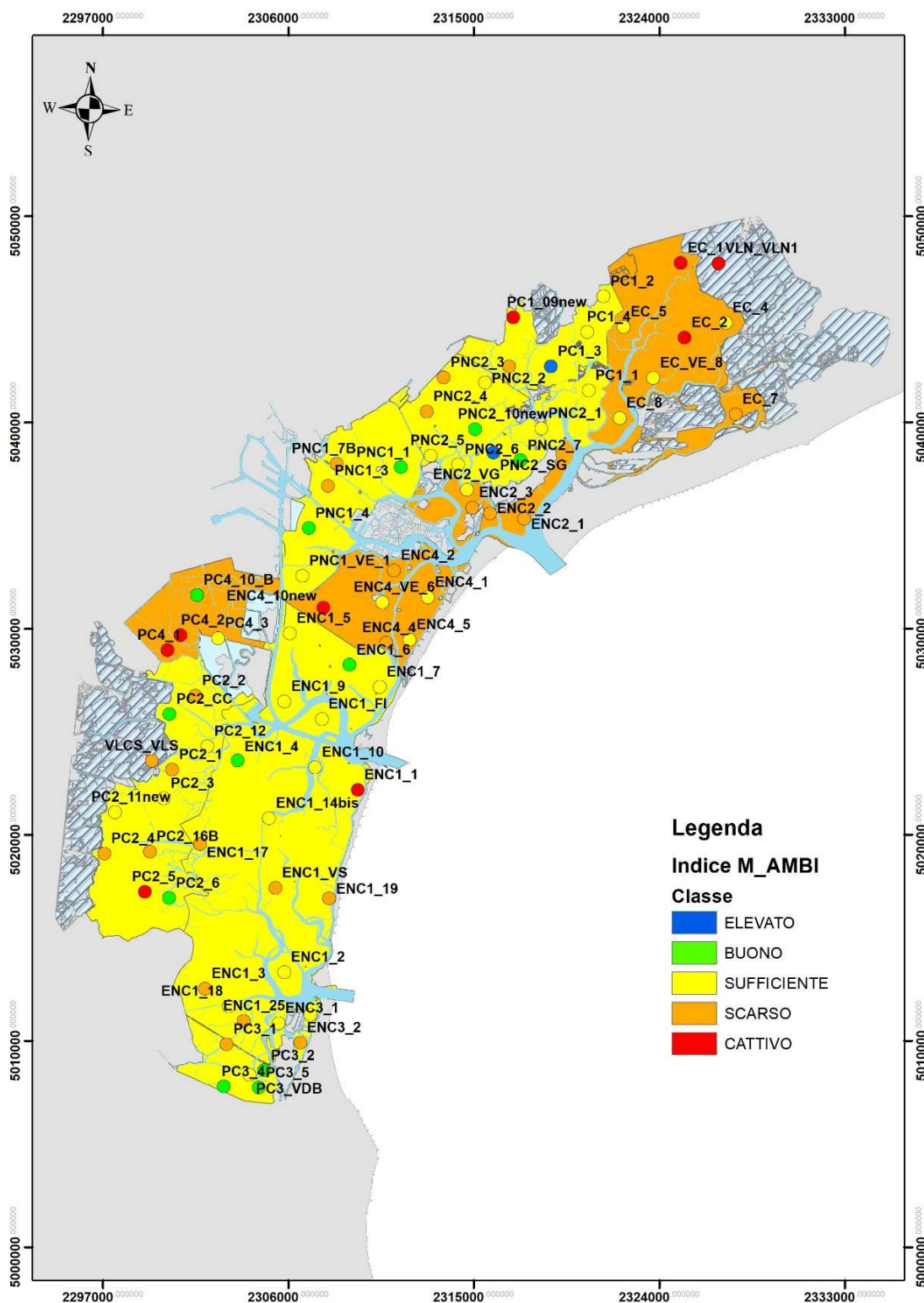


Figura 3. Classificazione dello stato ecologico dei corpi idrici della laguna di Venezia risultante dall'applicazione dell'indice M-AMBI all'EQB Macroinvertebrati bentonici. È presentata anche la classificazione delle singole stazioni (N=77). Le classi di qualità sono espresse tramite i colori convenzionali (blu: ELEVATO; verde: BUONO; giallo: SUFFICIENTE; arancione: SCARSO; rosso: CATTIVO).

2.1.4 Indice per la classificazione dello stato ecologico: BITS

L'indice BITS (Mistri & Munari, 2008; vedi anche <http://www.bits.unife.it/>) è basato sul concetto di sufficienza tassonomica. Il calcolo prevede, come per l'AMBI, l'utilizzo di tre classi di sensibilità/tolleranza a livello tassonomico di famiglia (o superiore). L'indice BITS considera sia la porzione di individui appartenenti ai tre gruppi ecologici che la "ricchezza tassonomica" (in termini di numero di famiglie) degli stessi. Anche il valore di BITS deve essere poi normalizzato sulla base di valori di riferimento tipo-specifici (Tabella 7). Come per M-AMBI anche per l'indice BITS l'attribuzione del campione ad una classe di qualità ecologica (ELEVATO, BUONO, SUFFICIENTE, SCARSO, CATTIVO) avviene poi sulla base di intervalli definiti sempre dal D.M. 260 del 8/11/2010 (Tabella 8).

Tabella 7. Valori di riferimento per il calcolo degli indici BITS tipo-specifici secondo il D.M. 260 del 8/11/2010.

Macrotipo	Geomorfologia	Escursione di marea	Salinità	BITS
M-AT-1	Laguna costiera	Non tidale	-	2.80
M-AT-2	Laguna costiera	Microtidale	Oligo-, meso-, polialina	3.40
M-AT-3	Laguna costiera	Microtidale	Eu-, iperalina	3.40

Tabella 8. Limiti di classe in termini di RQE per l'indice ecologico BITS.

Limiti di Classe - Punteggio BITS			
Elevato/Buono	Buono/Sufficiente	Sufficiente/Scarso	Scarso/Cattivo
0.87	0.68	0.44	0.25

In Tabella 9 sono riportati i valori delle 77 stazioni secondo l'indice BITS e la rispettiva classificazione secondo l'EQB Macroinvertebrati bentonici per la campagna primaverile 2022.

Tabella 9. Risultati delle stazioni secondo l'indice BITS. Le classi di qualità sono espresse tramite i colori convenzionali (blu: ELEVATO; verde: BUONO; giallo: SUFFICIENTE; arancio: SCARSO; rosso: CATTIVO).

Corpo Idrico	Stazione	Punteggio BITS	Classe	Corpo Idrico	Stazione	Punteggio BITS	Classe
EC	EC_1	0.95	Elevato	PC1	PC1_4	1.06	Elevato
EC	EC_2	1.10	Elevato	PC1	PC1_9new	0.91	Elevato
EC	EC_4	1.19	Elevato	PC1	PC1_1B	0.62	Sufficiente
EC	EC_5	0.66	Sufficiente	PC2	PC2_1	1.16	Elevato
EC	EC_7	0.56	Sufficiente	PC2	PC2_2	1.04	Elevato
EC	EC_8	0.72	Buono	PC2	PC2_3	1.15	Elevato
EC	EC_Ve-8	0.69	Buono	PC2	PC2_4	1.00	Elevato
ENC1	ENC1_1	0.66	Sufficiente	PC2	PC2_5	1.02	Elevato
ENC1	ENC1_2	1.11	Elevato	PC2	PC2_6	1.14	Elevato
ENC1	ENC1_3	1.13	Elevato	PC2	PC2_11new	1.02	Elevato
ENC1	ENC1_4	1.04	Elevato	PC2	PC2_12	1.14	Elevato
ENC1	ENC1_5	0.71	Buono	PC2	PC2_16B	0.99	Elevato
ENC1	ENC1_6	0.77	Buono	PC2	PC2_CC	0.88	Elevato
ENC1	ENC1_7	0.93	Elevato	PC3	PC3_1	0.48	Sufficiente

Corpo Idrico	Stazione	Punteggio BITS	Classe	Corpo Idrico	Stazione	Punteggio BITS	Classe
ENC1	ENC1_9	0.83	Buono	PC3	PC3_2	1.17	Elevato
ENC1	ENC1_10	0.89	Elevato	PC3	PC3_4	0.60	Sufficiente
ENC1	ENC1_14bis	1.10	Elevato	PC3	PC3_5	1.14	Elevato
ENC1	ENC1_17	1.06	Elevato	PC3	PC3_VDB	1.11	Elevato
ENC1	ENC1_18	1.20	Elevato	PC4	PC4_1	0.44	Sufficiente
ENC1	ENC1_19	0.80	Buono	PC4	PC4_2	0.63	Sufficiente
ENC1	ENC1_25	1.15	Elevato	PC4	PC4_3	0.80	Buono
ENC1	ENC1_FI	0.77	Buono	PC4	PC4_10B	0.76	Buono
ENC1	ENC1_VS	0.73	Buono	PNC1	PNC1_1	0.47	Sufficiente
ENC2	ENC2_1	0.89	Elevato	PNC1	PNC1_3	0.53	Sufficiente
ENC2	ENC2_2	1.09	Elevato	PNC1	PNC1_4	1.09	Elevato
ENC2	ENC2_3	0.45	Sufficiente	PNC1	PNC1_7B	1.03	Elevato
ENC2	ENC2_VG	0.52	Sufficiente	PNC1	PNC1_Ve-1	1.14	Elevato
ENC3	ENC3_1	1.10	Elevato	PNC2	PNC2_1	1.09	Elevato
ENC3	ENC3_2	0.68	Buono	PNC2	PNC2_2	1.12	Elevato
ENC3	ENC3_CH	0.90	Elevato	PNC2	PNC2_3	1.01	Elevato
ENC4	ENC4_1	0.76	Buono	PNC2	PNC2_4	0.63	Sufficiente
ENC4	ENC4_2	1.03	Elevato	PNC2	PNC2_5	1.05	Elevato
ENC4	ENC4_4	1.17	Elevato	PNC2	PNC2_6	0.54	Sufficiente
ENC4	ENC4_5	1.22	Elevato	PNC2	PNC2_7	0.79	Buono
ENC4	ENC4_10new	1.10	Elevato	PNC2	PNC2_10new	0.75	Buono
ENC4	ENC4_Ve-6	1.15	Elevato	PNC2	PNC2_SG	1.01	Elevato
PC1	PC1_1	0.99	Elevato	VLCS	VLCS_VLS	0.41	Scarso
PC1	PC1_2	1.05	Elevato	VLN	VLN_VLN1	0.91	Elevato
PC1	PC1_3	1.17	Elevato				

La Tabella 10 riporta per ogni CI (esclusi quelli "fortemente modificati") i valori di EQR e la classificazione nelle cinque classi di qualità in base alla media semplice degli EQR calcolati sulle stazioni per il BITS.

L'indice BITS classifica solo PC4 di qualità SUFFICIENTE, tre corpi idrici in stato BUONO (EC, ENC2 e PNC1) e i rimanenti sette di qualità ELEVATA (ENC1, ENC3, ENC4, PC1, PC2, PC3 e PNC2). In Figura 4 viene riportata la classificazione dei CI secondo l'indice BITS.

La classificazione effettuata mediante l'indice BITS ha rilevanza minore rispetto a quella risultante dall'applicazione dell'indice M-AMBI in quanto solo quest'ultimo indice è stato intercalibrato con successo a livello europeo (European Commission, 2018).

Tabella 10. Media aritmetica degli RQE per l'indice BITS calcolata su ciascuno dei Corpi Idrici (esclusi i CI fortemente modificati). Le classi di qualità sono espresse tramite i colori convenzionali (blu: ELEVATO; verde: BUONO; giallo: SUFFICIENTE; arancione: SCARSO; rosso: CATTIVO).

Corpi Idrici	Punteggio BITS	Classe
EC	0.84	Buono
ENC1	0.93	Elevato
ENC2	0.74	Buono
ENC3	0.89	Elevato
ENC4	1.07	Elevato
PC1	0.97	Elevato
PC2	1.05	Elevato
PC3	0.90	Elevato
PC4	0.66	Sufficiente
PNC1	0.85	Buono
PNC2	0.89	Elevato

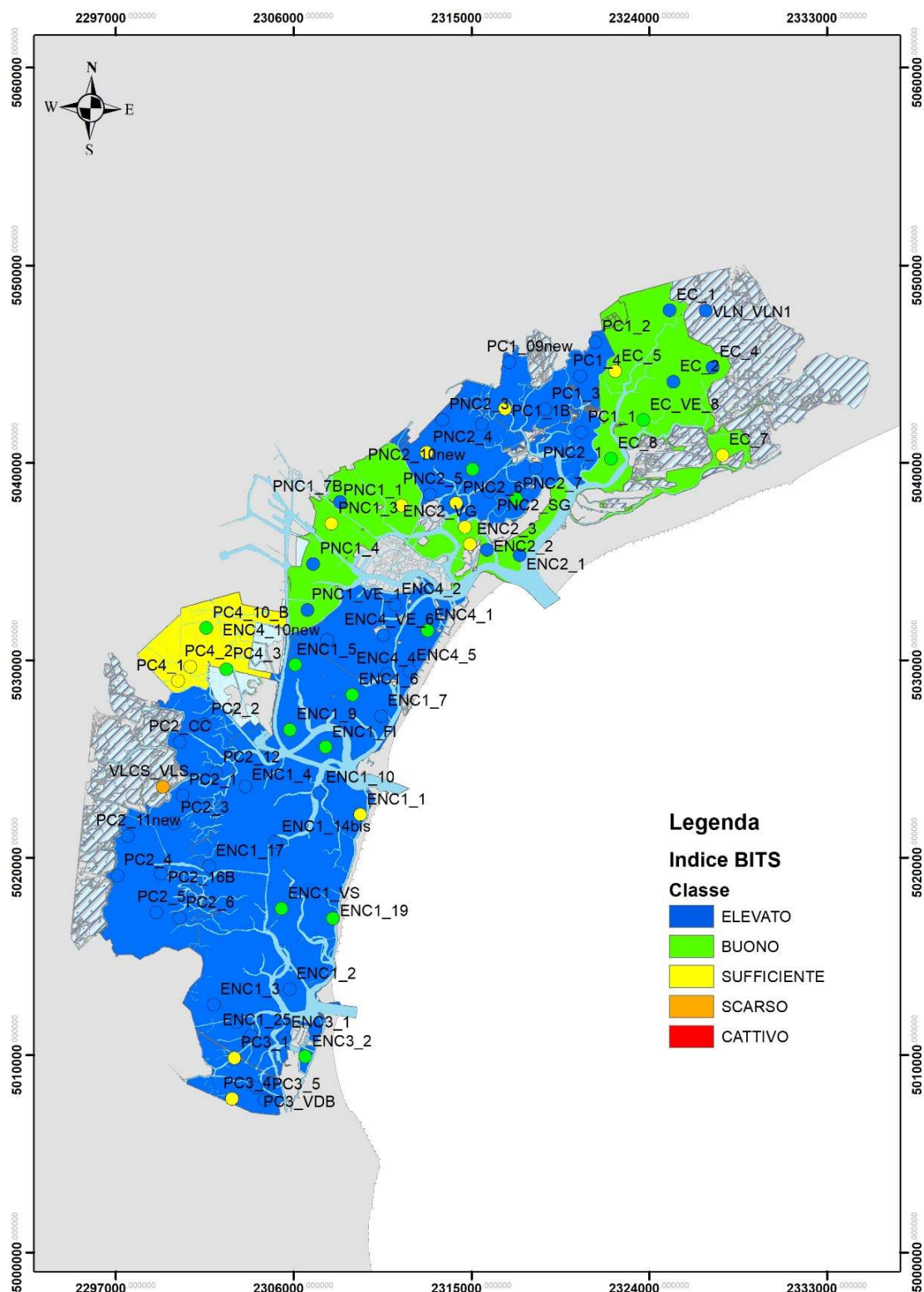


Figura 4. Classificazione dello stato ecologico dei corpi idrici della laguna di Venezia risultante dall'applicazione dell'indice BITS all'EQB Macroinvertebrati bentonici. È presentata anche la classificazione delle singole stazioni (N=77). Le classi di qualità sono espresse tramite i colori convenzionali (blu: ELEVATO; verde: BUONO; giallo: SUFFICIENTE; arancione: SCARSO; rosso: CATTIVO).

2.1.1 Confronti tra Cicli di Monitoraggio

2.1.1.1 M-AMBI

In Tabella 11 vengono confrontati i valori di RQE dell'indice M-AMBI relativi ai cicli di monitoraggio effettuati fino ad oggi, le cui campagne sono state eseguite nel 2011, 2014, 2019 e 2022, rispettivamente.

Tabella 11. Valori di RQE dell'indice M-AMBI per le singole stazioni, per i diversi cicli di monitoraggio operativo, i cui campionamenti sono stati eseguiti negli anni: 2011, 2014, 2019 e 2022. Le classi di qualità sono espresse tramite i colori convenzionali (blu: ELEVATO; verde: BUONO; giallo: SUFFICIENTE; arancione: SCARSO; rosso: CATTIVO).

Corpo idrico	Stazione	M-AMBI 2011	M-AMBI 2014	M-AMBI 2019	M-AMBI 2022	Corpo idrico	Stazione	M-AMBI 2011	M-AMBI 2014	M-AMBI 2019	M-AMBI 2022
EC	EC_1	0.61	0.66	0.54	0.43	PC1	PC1_4	0.29	0.82	0.67	0.61
	EC_2	0.37	0.69	0.44	0.29		PC1_9 new		0.52	0.49	0.42
	EC_4	0.48	0.67	0.53	0.63		PC1_1 B	0.59	0.83	0.44	0.55
	EC_5	0.7	0.75	0.72	0.58	PC2	PC2_1	0.95	0.7	0.68	0.55
	EC_7	0.41	0.48	0.49	0.54		PC2_2	0.78	0.7	0.4	0.55
	EC_8	0.41	0.72	0.66	0.64		PC2_3	0.97	0.83	0.83	0.59
	EC_Ve-8	0.57	0.61	0.61	0.63		PC2_4	0.58	0.51	0.68	0.53
ENC1	ENC1_1	0.77	0.53	0.77	0.40	PC2	PC2_5	0.68	0.67	0.56	0.41
	ENC1_2	0.88	0.54	0.74	0.66		PC2_6	0.86	0.83	0.69	0.81
	ENC1_3	0.58	0.53	0.47	0.49		PC2_1 new		0.35	0.92	0.62
	ENC1_4	0.74	0.56	0.58	0.77		PC2_1 2		0.87	0.93	0.59
	ENC1_5	0.48	0.5	0.72	0.69		PC2_1 6B	0.52	0.68	0.82	0.48
	ENC1_6	0.76	0.63	0.72	0.80		PC2_C C	0.58	0.58	0.87	0.85
	ENC1_7	0.54	0.55	0.78	0.66	PC3	PC3_1	0.64	0.92	0.65	0.48
	ENC1_9	0.76	0.82	0.63	0.62		PC3_2	0.53	0.95	0.64	0.78
	ENC1_10	0.82	0.67	0.89	0.63		PC3_4	0.7	0.86	0.57	0.75
	ENC1_14bis		0.62	0.46	0.66		PC3_5	0.7	0.79	0.49	0.78
	ENC1_17	0.55	0.61	0.55	0.46		PC3_V DB	0.86	0.54	0.74	0.67
	ENC1_18	0.69	0.85	0.55	0.67	PC4	PC4_1	0.76	0.55	0.43	0.44
	ENC1_19	0.8	0.62	0.71	0.54		PC4_2	0.67	0.73	0.53	0.43
	ENC1_25		0.8	0.55	0.49		PC4_3	0.59	0.69	0.84	0.57

Corpo idrico	Stazione	M-AMBI 2011	M-AMBI 2014	M-AMBI 2019	M-AMBI 2022	Corpo idrico	Stazione	M-AMBI 2011	M-AMBI 2014	M-AMBI 2019	M-AMBI 2022
	ENC1_FI	0.95	0.59	0.81	0.68		PC4_10B	0.76	0.45	0.65	0.73
	ENC1_VS	0.62	0.64	0.62	0.55		PNC1_1	0.57	0.73	0.69	0.73
ENC2	ENC2_1	0.74	0.55	0.84	0.56	PNC1	PNC1_3	0.56	0.68	0.4	0.50
	ENC2_2	0.65	0.82	0.91	0.50		PNC1_4	0.71	0.64	0.91	0.83
	ENC2_3	0.48	0.58	0.76	0.52		PNC1_7B	0.44	0.6	0.54	0.53
	ENC2_VG	0.68	0.6	0.75	0.59		PNC1_Ve-1	0.68	0.7	0.67	0.70
ENC3	ENC3_1	0.58	0.6	0.5	0.58	PNC2	PNC2_1	0.53	0.87	0.67	0.60
	ENC3_2	0.5	0.61	0.55	0.56		PNC2_2	0.46	0.56	0.5	0.71
	ENC3_CH	0.72	0.81	0.73	0.65		PNC2_3	0.44	0.4	0.47	0.55
ENC4	ENC4_1	0.58	0.54	0.91	0.71		PNC2_4	0.54	0.74	0.62	0.55
	ENC4_2	0.45	0.56	0.65	0.55		PNC2_5	0.77	0.54	1.07	0.58
	ENC4_4	0.67	0.65	0.71	0.48		PNC2_6	0.86	0.63	0.77	0.70
	ENC4_5	0.52	0.67	0.67	0.63		PNC2_7	0.74	0.72	0.48	0.78
	ENC4_10new		0.45	0.6	0.42		PNC2_10new		0.76	0.96	0.81
	ENC4_Ve-6	0.8	0.56	0.62	0.61		PNC2_SG	0.96	0.98	1.03	1.01
PC1	PC1_1	0.89	0.88	1.13	0.70	VLCS	VLCS_VLS	0.52	0.6	0.56	0.54
	PC1_2	0.57	0.4	0.55	0.57	VLN	VLN_1	0.83	0.59	0.69	0.30
	PC1_3	0.72	0.65	0.94	0.97						

In Tabella 12 si riportano i valori di RQE dell'indice M-AMBI relativi ai corpi idrici, esclusi quelli fortemente modificati, calcolati come media dei valori relativi alle stazioni, per i diversi cicli di monitoraggio sopracitati.

Tabella 12. Valori di RQE dell'indice M-AMBI per gli 11 corpi idrici per i cicli di monitoraggio operativo effettuati fino ad oggi, le cui campagne sono state eseguite nel 2011, 2014, 2019 e 2022. Le classi di qualità sono espresse tramite i colori convenzionali (blu: ELEVATO; verde: BUONO; giallo: SUFFICIENTE; arancione: SCARSO; rosso: CATTIVO).

CORPI IDRICI	M-AMBI 2011	M-AMBI 2014	M-AMBI 2019	M-AMBI 2022
EC	0.54	0.65	0.57	0.54
ENC1	0.74	0.63	0.66	0.61
ENC2	0.64	0.64	0.82	0.54
ENC3	0.60	0.67	0.59	0.60
ENC4	0.62	0.57	0.69	0.57
PC1	0.61	0.68	0.70	0.64
PC2	0.74	0.67	0.74	0.60
PC3	0.69	0.81	0.62	0.69
PC4	0.70	0.6	0.61	0.54
PNC1	0.58	0.67	0.64	0.66
PNC2	0.66	0.67	0.73	0.70

Rispetto ai tre cicli precedenti, l'indice M-AMBI nel 2022 ha un range di valori relativamente più ristretto (0.58-0.74 nel 2011; 0.57-0.81 nel 2014; 0.57-0.82 nel 2019; 0.54-0.70 nel 2022). Nel 2011, i corpi idrici erano classificati tutti in stato SUFFICIENTE, fatta eccezione per ENC1 e PC2 (BUONO) ed EC (SCARSO). Nel 2014, l'indice definisce lo stato di tutti i corpi idrici come SUFFICIENTE, eccetto PC3 (BUONO) ed ENC4 (SCARSO). Nel 2019, l'indice definisce lo stato di tre corpi idrici come BUONO (ENC2, PC2 e PNC2), mentre tutti gli altri corpi idrici vengono classificati come SUFFICIENTE (EC, ENC1, ENC3, ENC4, PC1, PC3, PC4, PNC1). Nel 2022 nessun corpo idrico risulta in stato BUONO, quattro in stato SCARSO (EC, ENC2, ENC4 e PC4) e tutti gli altri in stato SUFFICIENTE. Rispetto al 2011, nel 2022 si osserva il peggioramento di 3 corpi idrici (ENC2, che risultava BUONO nel 2019, ENC4, e PC4, che risulta SCARSO per la prima volta dal 2011). Rispetto al 2014, nel 2022 si osserva il peggioramento di quattro corpi idrici (EC, ENC2, PC2 che passano da SUFFICIENTE a SCARSO e PC3 che passa dallo stato BUONO a SUFFICIENTE), mentre gli altri corpi idrici rimangono inalterati. Rispetto al 2019 vi è il peggioramento di 6 corpi idrici: EC, ENC4 e PC4 passano dallo stato SUFFICIENTE a SCARSO, mentre PC2 e PNC2 passano da BUONO a SUFFICIENTE, infine ENC2 passa da BUONO a SCARSO.

2.1.1.2 BITS

In Tabella 13 vengono confrontati i valori di RQE dell'indice BITS per ciascuna stazione e relativi ai cicli di monitoraggio effettuati nell'ambito del Piano di Gestione 2010-2015 e successivi aggiornamenti (2015-2021 e 2021-2027), i cui campionamenti sono stati eseguiti nel 2011, 2014, 2019 e 2022, rispettivamente.

In Tabella 14 si riportano i valori di RQE dell'indice BITS relativi ai corpi idrici, esclusi quelli fortemente modificati, calcolati come media dei valori relativi alle stazioni, per ciascuno dei cicli di monitoraggio succitati.

Tabella 13. Valori di RQE dell'indice BITS per le singole stazioni, per i diversi cicli di monitoraggio operativo, i cui campionamenti sono stati eseguiti negli anni: 2011, 2014, 2019 e 2022. Le classi di qualità sono espresse tramite i colori convenzionali (blu: ELEVATO; verde: BUONO; giallo: SUFFICIENTE; arancione: SCARSO; rosso: CATTIVO).

Corpo idrico	Stazione	BITS 2011	BITS 2014	BITS 2019	BITS 2022	Corpo idrico	Stazione	BITS 2011	BITS 2014	BITS 2019	BITS 2022
EC	EC_1	0.77	0.67	0.6	0.95	PC4	PC1_4	0.8	0.85	0.51	1.06
	EC_2	0.67	0.79	0.71	1.10		PC1_9new		0.64	0.85	0.91
	EC_4	1.02	1.16	0.36	1.19		PC1_1B	0.81	1.1	0.82	0.62
	EC_5	0.51	0.53	0.86	0.66	PC2	PC2_1	0.89	0.64	0.91	1.16
	EC_7	0.64	0.4	0.62	0.56		PC2_2	0.99	0.55	0.22	1.04
	EC_8	1.02	0.77	0.5	0.72		PC2_3	0.82	0.77	1.12	1.15
	EC_Ve-8	0.49	0.45	0.5	0.69		PC2_4	0.98	0.46	0.61	1.00
ENC1	ENC1_1	0.89	0.84	0.71	0.66		PC2_5	0.93	1.09	1.02	1.02
	ENC1_2	0.73	0.98	1.19	1.11		PC2_6	1.14	0.97	1.05	1.14
	ENC1_3	0.99	0.79	0.44	1.13		PC2_11new		0.24	0.73	1.02
	ENC1_4	0.51	0.73	1.16	1.04		PC2_12		0.89	1.05	1.14
	ENC1_5	0.84	1.09	0.34	0.71		PC2_16B	0.97	0.78	0.7	0.99
	ENC1_6	0.65	0.65	0.61	0.77		PC2_CC	0.88	0.5	0.58	0.88
	ENC1_7	0.39	0.67	0.53	0.93	PC3	PC3_1	0.97	0.78	0.65	0.48
	ENC1_9	0.5	0.91	0.78	0.83		PC3_2	0.86	0.9	1.14	1.17
	ENC1_10	0.56	0.88	0.79	0.89		PC3_4	0.66	0.64	0.54	0.60
	ENC1_14bis		1.12	1.17	1.10		PC3_5	0.8	0.62	0.93	1.14
	ENC1_17	0.56	1.12	0.68	1.06		PC3_VDB	0.75	0.41	1.16	1.11
	ENC1_18	1.15	1.04	1.04	1.20	PC4	PC4_1	1.09	0.36	0.87	0.44
	ENC1_19	0.56	0.96	1.06	0.80		PC4_2	0.9	0.67	0.67	0.63
	ENC1_25		0.84	0.98	1.15		PC4_3	0.73	0.74	0.74	0.80
	ENC1_FI	0.63	0.63	0.66	0.77		PC4_10B	1.11	0.31	0.37	0.76
ENC2	ENC1_VS	0.69	0.94	0.94	0.73	PNC1	PNC1_1	0.55	1.09	0.63	0.47
	ENC2_1	0.7	0.63	0.86	0.89		PNC1_3	1.03	0.58	0.15	0.53
	ENC2_2	0.43	0.55	0.36	1.09		PNC1_4	0.66	0.64	0.69	1.09
	ENC2_3	0.31	0.58	0.35	0.45		PNC1_7B	0.5	0.48	0.63	1.03
	ENC2_VG	0.55	0.39	0.37	0.52		PNC1_Ve-1	0.62	0.73	0.62	1.14
ENC3	ENC3_1	0.39	0.72	0.88	1.10	PNC2	PNC2_1	0.64	0.82	0.7	1.09
	ENC3_2	0.65	0.63	1.06	0.68		PNC2_2	0.64	0.62	0.89	1.12
	ENC3_CH	0.54	0.8	0.57	0.90		PNC2_3	0.52	0.41	0.44	1.01

Corpo idrico	Stazione	BITS 2011	BITS 2014	BITS 2019	BITS 2022	Corpo idrico	Stazione	BITS 2011	BITS 2014	BITS 2019	BITS 2022
ENC4	ENC4_1	0.6	0.44	0.47	0.76		PNC2_4	0.55	0.52	0.53	0.63
	ENC4_2	0.3	0.58	0.76	1.03		PNC2_5	0.51	0.4	0.6	1.05
	ENC4_4	0.42	1.01	0.49	1.17		PNC2_6	0.55	0.43	0.49	0.54
	ENC4_5	0.33	0.66	0.53	1.22		PNC2_7	0.64	0.44	0.3	0.79
	ENC4_1 Onew		0.59	1.1	1.10		PNC2_1 Onew		0.52	0.71	0.75
	ENC4_Ve-6	0.62	0.65	0.58	1.15		PCN2_S G	0.54	0.52	0.65	1.01
PC1	PC1_1	0.68	0.73	0.69	0.99	VLCS	VLCS_VLS	0.48	0.52	0.35	0.41
	PC1_2	1.01	0.89	1.03	1.05	VLN	VLN_1	0.86	0.85	0.67	0.91
	PC1_3	1.1	0.44	1.13	1.17						

La classificazione dello stato ecologico dei corpi idrici nel 2022 mostra una certa variabilità rispetto a quanto osservato nei precedenti cicli di monitoraggio, come si evince anche dalla Tabella 14.

Tabella 14. Valori di EQR dell'indice BITS per gli 11 corpi idrici per i diversi cicli di monitoraggio operativo, i cui campionamenti sono stati eseguiti negli anni: 2011, 2014, 2019 e 2022. Le classi di qualità sono espresse tramite i colori convenzionali (blu: ELEVATO; verde: BUONO; giallo: SUFFICIENTE; arancione: SCARSO; rosso: CATTIVO).

CORPI IDRICI	BITS 2011	BITS 2014	BITS 2019	BITS 2022
EC	0.73	0.68	0.59	0.84
ENC1	0.74	0.89	0.82	0.93
ENC2	0.5	0.54	0.48	0.74
ENC3	0.53	0.72	0.84	0.89
ENC4	0.48	0.66	0.66	1.07
PC1	0.88	0.78	0.84	0.97
PC2	0.95	0.69	0.8	1.05
PC3	0.81	0.67	0.88	0.90
PC4	0.96	0.52	0.66	0.66
PNC1	0.7	0.7	0.54	0.85
PNC2	0.57	0.52	0.59	0.89

La classificazione dello stato ecologico dei corpi idrici nel 2022 risulta, nel complesso, migliore rispetto a quanto osservato nei cicli precedenti. Infatti, rispetto al 2011 si osserva un peggioramento di un solo corpo idrico (PC4), mentre sei sono, invece, migliorati (ENC1, ENC2, ENC3, ENC4, PC3 e PNC2). Rispetto al 2014 non si osserva nessun peggioramento, ma il mantenimento dello stesso stato di qualità per tre corpi idrici (ENC1, PC4 e PNC1) e il miglioramento per i rimanenti otto, la maggior parte dei quali, nel 2022, è in stato ELEVATO. Rispetto al 2019 tutti i corpi idrici migliorano, tranne PC3 (migliora il valore dell'indice a parità di classe) e PC4.

2.2 *Macrofite*

2.2.1 *Rete di monitoraggio*

In Figura 5 è riportata la localizzazione spaziale delle stazioni di campionamento per l'elemento biologico "macrofite". Gli EQB macroalghe e fanerogame sono stati campionati in 88 stazioni: 85 distribuite negli 11 corpi idrici della laguna di Venezia aperta alle espansioni di marea e 3 stazioni all'interno di 3 valli arginate, una in laguna Sud (Valle Zappa – VLCS_VLS) e due in laguna Nord (Val Dogà VLN_VLN1 e Val Cavallino VLN_VLN2). Per la definizione dell'EQB macrofite si sono effettuate due campagne nel 2021: la prima in tarda primavera/estate (tra maggio e luglio), la seconda in autunno (settembre-dicembre).

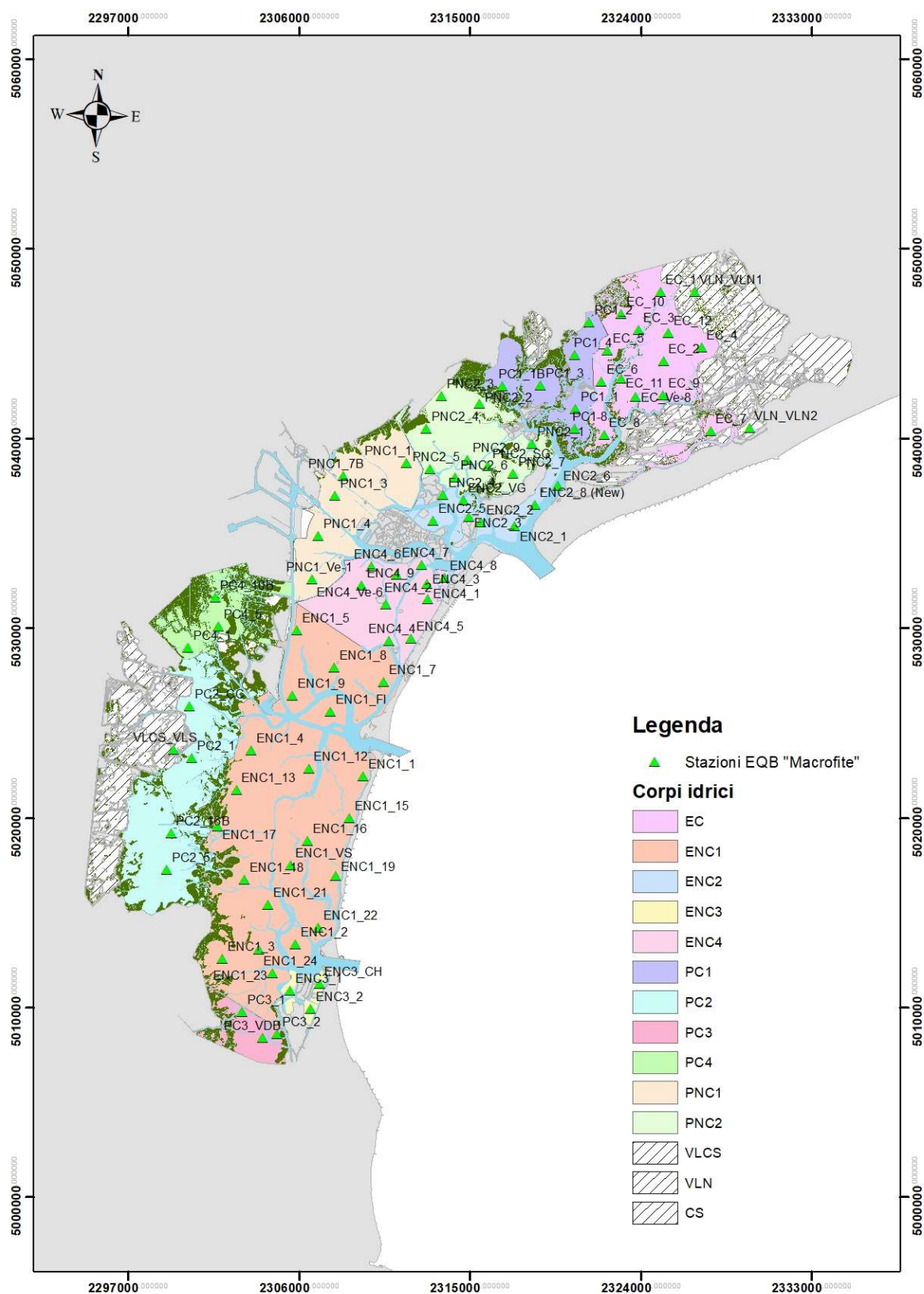


Figura 5. Localizzazione delle stazioni di campionamento per l'EQB Macrofite (Macroalghe e Fanerogame).

2.2.2 Campionamento e analisi

In tutte le stazioni, la copertura delle macroalghe e delle fanerogame marine è stata determinata mediante Visual Census in presenza di acque limpide o toccando il fondale con un rastrello quando la torbidità non permetteva di vedere il fondo. In tal caso il fondale è stato saggiato 20 volte in un raggio di 15-30 metri per rilevare la presenza/assenza di biomassa in modo da discriminare la presenza di macrofite in almeno il 5% del fondale come richiesto dall'indice MaQI. Questo valore di copertura è stato fissato con lo scopo di capire se nell'area in esame le macrofite sono in grado di crescere o la loro presenza è impedita da qualche fattore di stress, come un'elevata torbidità o concentrazioni di nutrienti così elevate da favorire la crescita di fitoplancton e cianobatteri anziché di macroalghe e fanerogame marine.

Il campionamento delle macrofite per la determinazione tassonomica e per determinare la dominanza delle Chlorophyta (alghe verdi) o delle Rhodophyta (alghe rosse) è avvenuto trascinando il rastrello 3-6 volte sul fondale delle stazioni per ca. 1 metro. Il numero di campioni variava in funzione della biomassa presente. La determinazione della dominanza delle alghe verdi e delle alghe rosse è stata ottenuta per pesatura delle due classi di macroalghe con una bilancia elettronica (precisione: 1 g) riportando i valori alla copertura totale rilevata con i 20 saggi del fondale.

Campioni rappresentativi delle macrofite campionate sono stati preservati in formaldeide tamponata al 4% per la determinazione tassonomica a livello inter e intraspecifico. Questa avviene in laboratorio mediante l'utilizzo di uno stereoscopio e di un microscopio biologico, utilizzando quando necessario il contrasto di fase, soprattutto per le piccole specie epifite. In molti casi la presenza di specie dubbie o criptiche ha richiesto campionamenti *ad hoc* per prelevare materiale fresco delle specie in questione da indagare mediante la tecnica molecolare del DNA barcoding (Hebert et al. 2003) che, affiancata all'osservazione al microscopio, permette di individuare le specie di difficile classificazione. Tale metodologia molecolare utilizza un marcatore genetico corto e ben definito nel DNA (DNA barcode) e garantisce una sicura individuazione tassonomica delle macroalghe.

Il dataset è stato organizzato in tabelle che includono tutte le specie algali attualmente presenti nella laguna veneta, i parametri necessari per l'applicazione dell'indice MaQI e la classificazione dello stato delle macrofite (EQR).

2.2.3 Indice per la classificazione dello stato ecologico: MaQI

L'indice MaQI (Macrophyte Quality Index), proposto per valutare lo stato ecologico degli ambienti di transizione dell'eco-regione Mediterranea (Sfriso et al., 2007; 2009; 2014), è stato inizialmente messo a punto in due versioni, una esperta (E-MaQI: Sfriso et al., 2009) ed una rapida (R-MaQI: Sfriso et al., 2007; Sfriso, 2010), è stato definitivamente approvato

in una forma intermedia che tiene conto delle disposizioni della WFD 2000/60/CE (European Commission, 2013; Sfriso et al., 2014)

L'indice si basa sulla determinazione delle principali associazioni di macroalghe e fanerogame marine presenti nelle aree di studio e assegna un punteggio ecologico ad ogni *taxon* macroalgale (0 = specie opportuniste; 1 = specie indifferenti, 2 = specie sensibili) e si calcola tramite la matrice a due entrate (macroalghe e fanerogame) riportata in Figura 6.

Macrophyte Quality Index (MaQI)												
Macroalgae (1)	Taxa				Ecological Status (EQR)							
	Opportunistic score 0	Indifferent score 1	Sensitive score 2									
	Any cover			N°	%	0.85						
				>2	≥25					0.85		1
					15-25					0.65	0.75	
	Total cover ≤5%			2	≤15	0.55	0.55	0.65	0.85			
					0.45							
	Total cover >5%	Wet Abundance Rhodophyta > Chlorophyta	≤2	0.35								
		Wet Abundance Chlorophyta > Rhodophyta		0.25								
	Total coverage ≤5%		1	-	0.15							
					0	0						
Absent		0										
<i>Ruppia cirrhosa</i> , <i>R. maritima</i> , <i>Nanozostera noltii</i>					Absent	<50%				50-75%	>75%	
<i>Zostera marina</i>						<25%	25-75%	>75%				
<i>Cymodocea nodosa</i>					Absent		<25%	≥25%				
<i>Posidonia oceanica</i>					Absent			Present				
					Taxa cover %							
				Aquatic angiosperms								
(1)	The Xanthophyceae <i>Vaucheria</i> spp. should not be taken into account in the total cover											

Figura 6. Matrice per il calcolo dell'indice MaQI.

In Tabella 15 sono riportati i valori degli RQE delle 88 stazioni campionate nel 2021 e la rispettiva classificazione secondo l'EQB Macrofite.

Tabella 15. Risultati delle stazioni secondo l'indice MaQI. Le classi di qualità sono espresse tramite i colori convenzionali (blu: ELEVATO; verde: BUONO; giallo: SUFFICIENTE; arancione: SCARSO; rosso: CATTIVO).

Corpi idrici	Stazioni	RQE MaQI	Classe
EC	EC_1	1.00	Elevato
EC	EC_2	0.85	Elevato
EC	EC_3	0.85	Elevato
EC	EC_4	1.00	Elevato
EC	EC_5	0.65	Buono
EC	EC_6	0.65	Buono
EC	EC_7	0.55	Sufficiente
EC	EC_8	1.00	Elevato
EC	EC_9	1.00	Elevato
EC	EC_10	0.85	Elevato
EC	EC_11	0.65	Buono
EC	EC_12	0.65	Buono
EC	EC_Ve-8	0.85	Elevato
ENC1	ENC1_1	1.00	Elevato
ENC1	ENC1_2	1.00	Elevato
ENC1	ENC1_3	0.85	Elevato
ENC1	ENC1_4	0.85	Elevato
ENC1	ENC1_5	0.35	Scarso
ENC1	ENC1_7	0.85	Elevato
ENC1	ENC1_8	0.75	Buono
ENC1	ENC1_9	0.85	Elevato
ENC1	ENC1_12	1.00	Elevato
ENC1	ENC1_13	0.55	Sufficiente
ENC1	ENC1_15	1.00	Elevato
ENC1	ENC1_16	1.00	Elevato
ENC1	ENC1_17	0.75	Buono
ENC1	ENC1_18	0.65	Buono
ENC1	ENC1_19	1.00	Elevato
ENC1	ENC1_21	1.00	Elevato
ENC1	ENC1_22	1.00	Elevato
ENC1	ENC1_23	1.00	Elevato
ENC1	ENC1_24	0.85	Elevato
ENC1	ENC1_VS	1.00	Elevato
ENC1	ENC1_FI	1.00	Elevato
ENC2	ENC2_1	1.00	Elevato
ENC2	ENC2_2	0.85	Elevato
ENC2	ENC2_3	0.55	Sufficiente
ENC2	ENC2_4	0.55	Sufficiente
ENC2	ENC2_5	0.35	Scarso
ENC2	ENC2_6	0.85	Elevato
ENC2	ENC2_8 (New)	0.85	Elevato
ENC2	ENC2_VG	0.55	Sufficiente

Corpi idrici	Stazioni	RQE MaQI	Classe
ENC3	ENC3_1	0.85	Elevato
ENC3	ENC3_2	0.65	Buono
ENC3	ENC3_CH	0.85	Elevato
ENC4	ENC4_1	0.35	Scarso
ENC4	ENC4_2	0.55	Sufficiente
ENC4	ENC4_3	0.55	Sufficiente
ENC4	ENC4_4	0.65	Buono
ENC4	ENC4_5	0.65	Buono
ENC4	ENC4_6	0.55	Sufficiente
ENC4	ENC4_7	0.65	Buono
ENC4	ENC4_8	1.00	Elevato
ENC4	ENC4_9	0.35	Scarso
ENC4	ENC4_Ve-6	0.85	Elevato
PC1	PC1_1	0.85	Elevato
PC1	PC1_1B	0.25	Scarso
PC1	PC1_2	0.35	Scarso
PC1	PC1_3	0.35	Scarso
PC1	PC1_4	0.65	Buono
PC1	PC1_8	0.35	Scarso
PC2	PC2_1	0.65	Buono
PC2	PC2_5	0.65	Buono
PC2	PC2_16B	0.65	Buono
PC2	PC2_CC	0.55	Sufficiente
PC3	PC3_1	0.75	Buono
PC3	PC3_2	0.35	Scarso
PC3	PC3_VDB	0.25	Scarso
PC4	PC4_1	0.35	Scarso
PC4	PC4_5	0.25	Scarso
PC4	PC4_10B	0.25	Scarso
PNC1	PNC1_1	0.35	Scarso
PNC1	PNC1_3	0.35	Scarso
PNC1	PNC1_4	0.35	Scarso
PNC1	PNC1_7B	0.35	Scarso
PNC1	PNC1_Ve-1	0.35	Scarso
PNC2	PNC2_1	0.35	Scarso
PNC2	PNC2_2	0.35	Scarso
PNC2	PNC2_3	0.35	Scarso
PNC2	PNC2_4	0.25	Scarso
PNC2	PNC2_5	0.65	Buono
PNC2	PNC2_6	0.25	Scarso
PNC2	PNC2_7	0.65	Buono
PNC2	PNC2_9	0.25	Scarso
PNC2	PNC2_SG	0.55	Sufficiente
VLCS_VLS	VLCS_VLS	0.25	Scarso

Corpi idrici	Stazioni	RQE MaQI	Classe
VLN_VLN	VLN_VLN1	1.00	Elevato
VLN_VLN	VLN_VLN2	0.85	Elevato

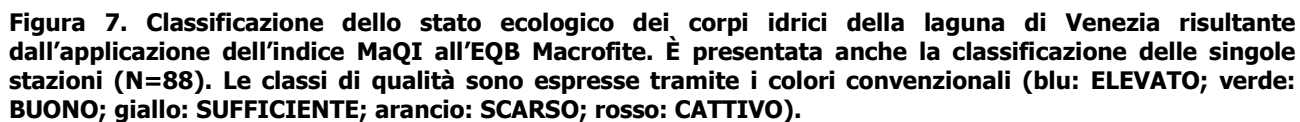
La classificazione per corpo idrico è stata ottenuta come media semplice tra tutte le stazioni in esso presenti. La Tabella 16 riporta per ogni corpo idrico i valori di EQR e la classificazione nelle cinque classi di qualità. Sono stati esclusi dalla classificazione i Corpi Idrici "fortemente modificati" VLN e VLCS, ovvero le valli da pesca della laguna nord e centro-sud, in quanto descritti da una singola stazione e localizzati presso valli arginate, indipendenti e gestite in modo autonomo.

Tabella 16. Media semplice degli RQE per l'indice MaQI calcolata su ciascuno dei Corpi Idrici (esclusi i CI fortemente modificati). Le classi di qualità sono espresse tramite i colori convenzionali (blu: ELEVATO; verde: BUONO; giallo: SUFFICIENTE; arancio: SCARSO; rosso: CATTIVO).

Corpi idrici	Punteggio MaQI	Classe
EC	0.81	Elevato
ENC1	0.87	Elevato
ENC2	0.69	Buono
ENC3	0.78	Buono
ENC4	0.62	Buono
PC1	0.47	Sufficiente
PC2	0.63	Buono
PC3	0.45	Sufficiente
PC4	0.28	Scarso
PNC1	0.35	Scarso
PNC2	0.41	Sufficiente

Dalla classificazione basata sull'EQR Macrofite, 2 corpi idrici risultano in stato ELEVATO (EC e ENC1), 4 corpi idrici risultano in BUONO stato (ENC2, ENC3, ENC4 e PC2), 3 in stato SUFFICIENTE (PC1, PC3 e PNC2) e 2 in stato SCARSO (PC4 e PNC1).

In Figura 7 è riportata la classificazione dei corpi idrici secondo l'indice MaQI.



2.2.1 Confronti tra Cicli di Monitoraggio

In Tabella 17 vengono confrontati i valori di RQE dell'indice MaQI relativi ai cicli di monitoraggio effettuati (campionamenti eseguiti nel 2011, 2014, 2018 e 2021 rispettivamente). Considerato che dal primo ciclo di monitoraggio del secondo aggiornamento del Piano di Gestione il campionamento è stato effettuato su un numero ridotto di stazioni, per il 2011 si è tenuto conto solo delle 88 stazioni campionate anche negli anni successivi. Per omogeneità di calcolo, i valori degli RQE delle stazioni campionate nel 2011 sono stati aggiornati tenendo conto delle modifiche apportate all'indice MaQI a seguito della Decisione 2013/480/UE.

Tabella 17. Valori di RQE dell'indice MaQI per le singole stazioni per i diversi cicli di monitoraggio operativo (campionamenti effettuati nel 2011, 2014, 2018 e 2021 rispettivamente). Le classi di qualità sono espresse tramite i colori convenzionali (blu: ELEVATO; verde: BUONO; giallo: SUFFICIENTE; arancione: SCARSO; rosso: CATTIVO).

CORPI IDRICI	Stazioni	MaQI 2011	MaQI 2014	MaQI 2018	MaQI 2021
EC	EC_1	0.55	0.85	1	1.00
	EC_2	0.35	0.65	0.85	0.85
	EC_3	0.25	0.55	1	0.85
	EC_4	1	1	1	1.00
	EC_5	0.35	0.55	0.85	0.65
	EC_6	0.35	0.25	0.55	0.65
	EC_7	0.25	0.55	0.85	0.55
	EC_8	0.45	0.65	0.85	1.00
	EC_9	0.45	0.85	1.00	1.00
	EC_10	0.35	0.55	0.55	0.85
	EC_11	0.15	0.55	0.75	0.65
	EC_12	0.15	0.65	0.85	0.65
	EC_Ve-8	0.65	0.75	1	0.85
ENC1	ENC1_1	0.85	1	0.85	1.00
	ENC1_2	0.85	1	0.85	1.00
	ENC1_3	0.25	0.35	0.65	0.85
	ENC1_4	0.85	1	0.85	0.85
	ENC1_5	0.25	0.55	0.35	0.35
	ENC1_7	0.65	0.65	0.65	0.85
	ENC1_8	0.65	0.65	0.35	0.75
	ENC1_9	0.35	0.65	0.85	0.85
	ENC1_12	1	1	0.85	1.00
	ENC1_13	0.55	0.65	0.65	0.55
	ENC1_15	1	1	1.00	1.00
	ENC1_16	0.25	0.75	0.65	1.00
	ENC1_17	0.55	0.55	0.65	0.75
	ENC1_18	0.65	0.55	0.55	0.65
	ENC1_19	1	0.85	0.85	1.00
	ENC1_21	1	1	0.85	1.00
	ENC1_22	1	0.85	0.85	1.00
	ENC1_23	0.85	0.85	1	1.00

CORPI IDRICI	Stazioni	MaQI 2011	MaQI 2014	MaQI 2018	MaQI 2021
	ENC1_24	0.55	0.85	0.85	0.85
	ENC1_VS	1	0.85	1	1.00
	ENC1_FI	0.65	0.85	1	1.00
ENC2	ENC2_1	0.85	0.85	1	1.00
	ENC2_2	0.85	0.85	0.85	0.85
	ENC2_3	0.55	0.65	0.85	0.55
	ENC2_4	0.15	0.55	0.55	0.55
	ENC2_5	0.35	0.25	0.35	0.35
	ENC2_6	0.55	0.55	0.85	0.85
	ENC2_8(New)	-	1	1	0.85
	ENC2_VG	0.15	0.55	0.55	0.55
ENC3	ENC3_1	0.65	0.55	0.85	0.85
	ENC3_2	0.25	0.25	0.65	0.65
	ENC3_CH	0.35	0.65	0.75	0.85
ENC4	ENC4_1	0.55	0.25	0.65	0.35
	ENC4_2	0.25	0.25	0.55	0.55
	ENC4_3	0.35	0.55	0.55	0.55
	ENC4_4	0.85	0.85	0.55	0.65
	ENC4_5	0.35	0.25	0.35	0.65
	ENC4_6	0.25	0.25	0.35	0.55
	ENC4_7	0.65	0.85	0.75	0.65
	ENC4_8	0.85	0.85	0.65	1.00
	ENC4_9	0.35	0.25	0.35	0.35
	ENC4_Ve-6	0.55	0.55	0.55	0.85
PC1	PC1_1	0.35	0.25	0.55	0.85
	PC1_1B	0.15	0.35	0.25	0.25
	PC1_2	0.35	0.25	0.65	0.35
	PC1_3	0.35	0.25	0.65	0.35
	PC1_4	0.35	0.25	0.55	0.65
	PC1_8	0.35	0.65	0.55	0.35
PC2	PC2_1	0.25	0.25	0.25	0.65
	PC2_5	0.35	0.35	0.35	0.65
	PC2_16B	0.35	0.55	0.55	0.65
	PC2_CC	0.35	0.25	0.35	0.55
PC3	PC3_1	0.35	0.35	0.55	0.75
	PC3_2	0.35	0.25	0.25	0.35
	PC3_VDB	0.25	0.25	0.25	0.25
PC4	PC4_1	0.35	0.25	0.35	0.35
	PC4_5	0.25	0.25	0.25	0.25
	PC4_10B	0.35	0.35	0.35	0.25
PNC1	PNC1_1	0.35	0.35	0.35	0.35
	PNC1_3	0.25	0.35	0.35	0.35
	PNC1_4	0.35	0.35	0.35	0.35
	PNC1_7B	0.35	0.35	0.25	0.35
	PNC1_Ve-1	0.35	0.35	0.35	0.35

CORPI IDRICI	Stazioni	MaQI 2011	MaQI 2014	MaQI 2018	MaQI 2021
PNC2	PNC2_1	0.35	0.25	0.25	0.35
	PNC2_2	0.35	0.35	0.25	0.35
	PNC2_3	0.35	0.35	0.35	0.35
	PNC2_4	0.35	0.35	0.35	0.25
	PNC2_5	0.15	0.35	0.35	0.65
	PNC2_6	0.15	0.15	0.35	0.25
	PNC2_7	0.35	0.65	0.55	0.65
	PNC2_9	0.15	0.15	0.25	0.25
	PNC2_SG	0.55	0.55	0.85	0.55
VLCS	VLCS_VLS	0.25	0.25	0.25	0.25
VLN	VLN_VLN1	0.85	0.75	1.00	1.00
	VLN_VLN2	1.00	0.85	0.85	0.85

Tabella 18. Valori di EQR dell'indice MaQI per gli 11 CI (esclusi quelli fortemente modificati), calcolati come media semplice dei valori relativi alle stazioni, per i diversi cicli di monitoraggio operativo (campionamenti effettuati nel 2011, 2014, 2018 e 2021 rispettivamente. Il calcolo del 2011 è stato effettuato tenendo conto solo delle 88 stazioni campionate nel 2014 e 2018; nella colonna del 2014 nel Corpo Idrico ENC2 sono riportati 2 valori: il primo è stato ottenuto considerando tutti i valori completi del 2014, mentre nel secondo non è stata considerata la stazione ENC2_8New poiché non era presente nel 2011.

CORPI IDRICI	MaQI 2011	MaQI 2014	MaQI 2018	MaQI 2021
EC	0.41	0.65	0.84	0.81
ENC1	0.69	0.78	0.77	0.87
ENC2	0.48	0.61 (0.66)	0.75	0.69
ENC3	0.42	0.48	0.75	0.78
ENC4	0.52	0.49	0.54	0.62
PC1	0.32	0.33	0.53	0.47
PC2	0.36	0.35	0.38	0.63
PC3	0.32	0.28	0.35	0.45
PC4	0.32	0.28	0.32	0.28
PNC1	0.33	0.35	0.33	0.35
PNC2	0.26	0.35	0.39	0.41

Le condizioni ecologiche dei corpi idrici valutate sulla base dell'EQB Macrofitte (Tabella 18) appaiono generalmente in miglioramento con un aumento degli RQE in quasi tutti i corpi idrici, fatta eccezione per ENC2, PC1 e PC4, per i quali tuttavia la classificazione non cambia. In particolare, nel Corpo Idrico EC nella estremità settentrionale della laguna nord si è passati da uno stato "sufficiente" del 2011 a uno stato "buono" nel 2014 ed "elevato" nel 2018 e 2021, mentre nel CI ENC1 si passa dallo stato "buono" dei primi cicli di monitoraggio (2011, 2014 e 2018) allo stato "elevato" del 2021. Un aumento del valore del RQE, ma senza variazione di classe, è stato osservato nei corpi idrici ENC3 e PNC1. C'è stato invece l'aumento di una classe da "scarso" a "sufficiente" nei corpi idrici PC3 e PNC2, da "sufficiente" a "buono" in ENC4 e un passaggio di due classi (da "scarso" a "buono") in PC2.

2.3 Elementi di qualità fisico-chimica a supporto della classificazione ecologica: Elementi generali

2.3.1 Rete di monitoraggio

Per il triennio 2020-2022 sono state mantenute le 30 stazioni di campionamento dei parametri fisico-chimici a supporto (Figura 8) definite nei precedenti Piani di monitoraggio 2010, 2013 e 2020, comprendenti le 16 stazioni individuate dal Provveditorato per le Opere Pubbliche per il monitoraggio delle sostanze non prioritarie a supporto della classificazione ecologica. Il campionamento degli elementi generali nell'acqua è stato eseguito a febbraio/marzo, aprile/maggio, luglio/agosto e novembre 2020-2021-2022. Le coordinate delle 30 stazioni campionate sono riportate in Tabella 19.

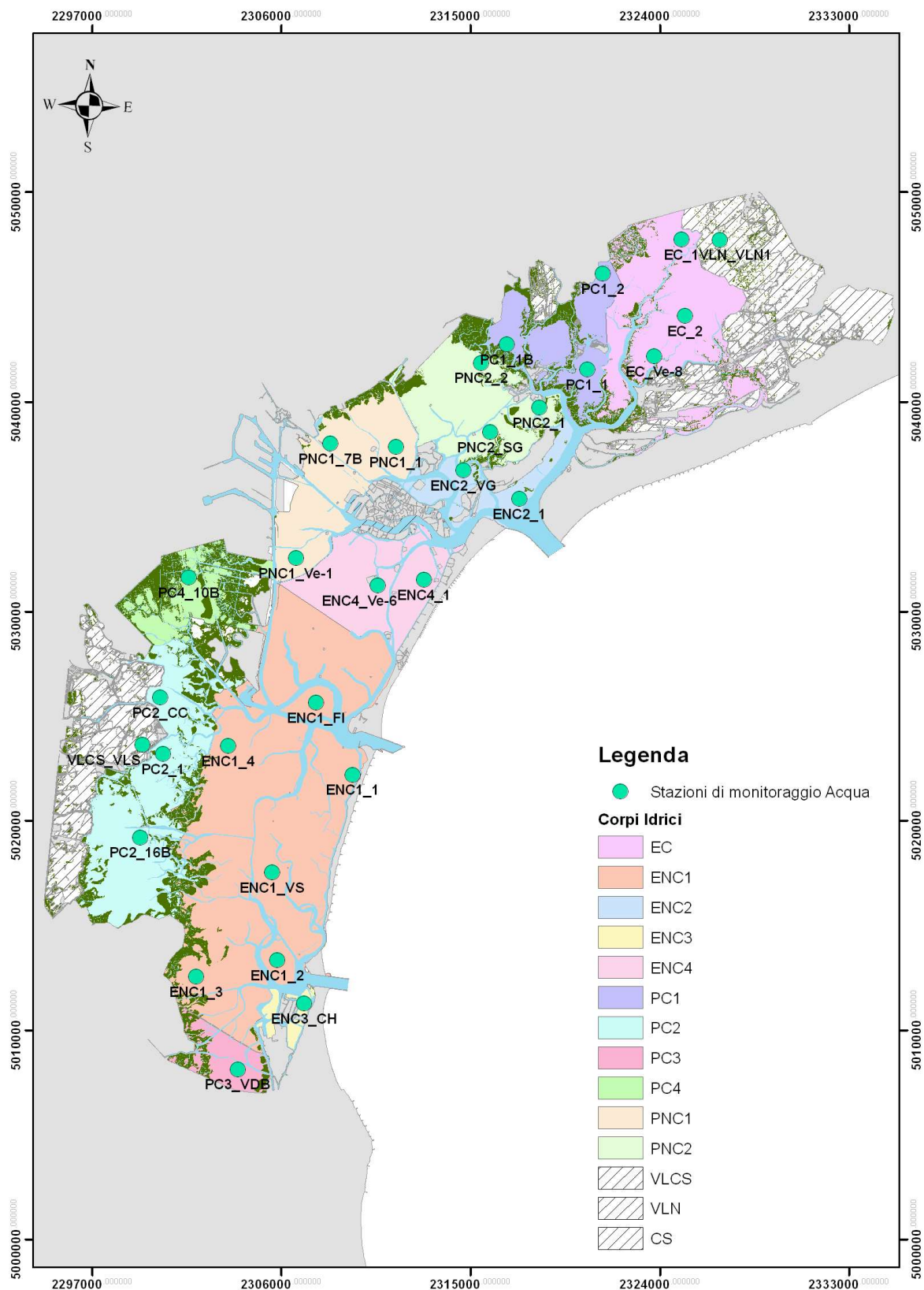


Figura 8. Localizzazione delle 30 stazioni di monitoraggio dell'acqua per l'analisi degli elementi di qualità fisico-chimica a supporto della classificazione ecologica.

Tabella 19. Coordinate geografiche delle 30 stazioni di monitoraggio dell'acqua per l'analisi degli elementi di qualità fisico-chimica.

Corpo idrico	Stazione	Coordinate Gauss Boaga Fuso-Est	
		x	y
EC	EC_1	2325056	5047735
	EC_2	2325228	5044097
	EC_Ve-8	2323743	5042182
ENC1	ENC1_1	2309391	5022175
	ENC1_2	2301947	5012547
	ENC1_3	2303480	5023542
	ENC1_4	2307650	5025604
	ENC1_FI	2305560	5017509
	ENC1_VS	2309391	5022175
ENC2	ENC2_1	2317348	5035381
	ENC2_VG	2314676	5036743
ENC3	ENC3_CH	2307093	5011256
ENC4	ENC4_1	2312798	5031519
	ENC4_Ve-6	2310582	5031242
PC1	PC1_1	2320575	5041541
	PC1_1B	2316729	5042749
	PC1_2	2321303	5046124
PC2	PC2_1	2300377	5023162
	PC2_16B	2299280	5019185
	PC2_CC	2300247	5025863
PC3	PC3_VDB	2303924	5008122
PC4	PC4_10B	2301587	5031628
PNC1	PNC1_1	2311459	5037837
	PNC1_7B	2308338	5038011
	PNC1_Ve-1	2306701	5032556
PNC2	PNC2_1	2318288	5039719
	PNC2_2	2315523	5041857
	PNC2_SG	2315953	5038555
VLCS	VLCS_VLS	2299393	5023610
VLN	VLN_VLN1	2326873	5047729

2.4 Rete di monitoraggio per la valutazione dello stato di ossigenazione

Il monitoraggio delle condizioni di ossigenazione dei corpi idrici della Laguna di Venezia è stato eseguito dal Provveditorato per le Opere Pubbliche mediante le sonde di rilevamento in continuo dell'ossigeno della rete U.T.A. Nel triennio in esame è stato sospeso il monitoraggio dell'ossigeno mediante le alternative previste dal D.M. 260/2010, Tab. 4.4.2/b (determinazione della concentrazione del parametro ferro labile (LFe) e solfuri volatili disponibili nei sedimenti).

In Figura 9 e **Errore. L'origine riferimento non è stata trovata.** sono riportate le stazioni di campionamento e le relative coordinate.

Tabella 20. Coordinate geografiche delle stazioni di monitoraggio delle condizioni di ossigenazione.

Corpo idrico	Codice Stazione	Coordinate Gauss Boaga Fuso-Est		LOCALIZZAZIONE	TIPOLOGIA
		X	Y		
EC	Ve_8	2323744	5042185	Palude Maggiore	sonda
ENC1	Ve_3	2307295	5022722	San Pietro (nuovo sito per coffa di Ca' Roman)	sonda
	Ve_10	2303460	5010320	Val di Brenta	sonda
	VS	2305574	5017500	Valleselle Sopra Vento	sedimento
ENC2	Ve_4	2312192	5035562	Fondamenta Nuove	sonda
ENC3	CH	2307076	5011335	Bacino Lusenzo esterno	sedimento
ENC4	Ve_6	2310585	5031251	Sacca Sessola	sonda
PNC1	Ve_1	2306706	5032565	Fusina	sonda
	Ve_2	2311679	5038699	Campalto	sonda
	Ve_5	2305790	5034719	Trezze (Canale Malamocco-Marghera)	sonda
PNC2	SG	2315949	5038561	Palude di S. Giacomo	sedimento
PC1	Ve_7	2316699	5042633	Palude di Cona, Canal Dese	sonda
PC2	Ve_9	2299527	5019648	Valle Millecampi	sonda
PC3	VDB	2303918	5008326	Val di Brenta	sedimento
PC4	10B	2310590	5031632	Lago dei Teneri	sedimento
VLN	VLN1	2327187	5047952	Valle Dogà	sedimento
VLCS	VLS	2299392	5023616	Valle Zappa	sedimento

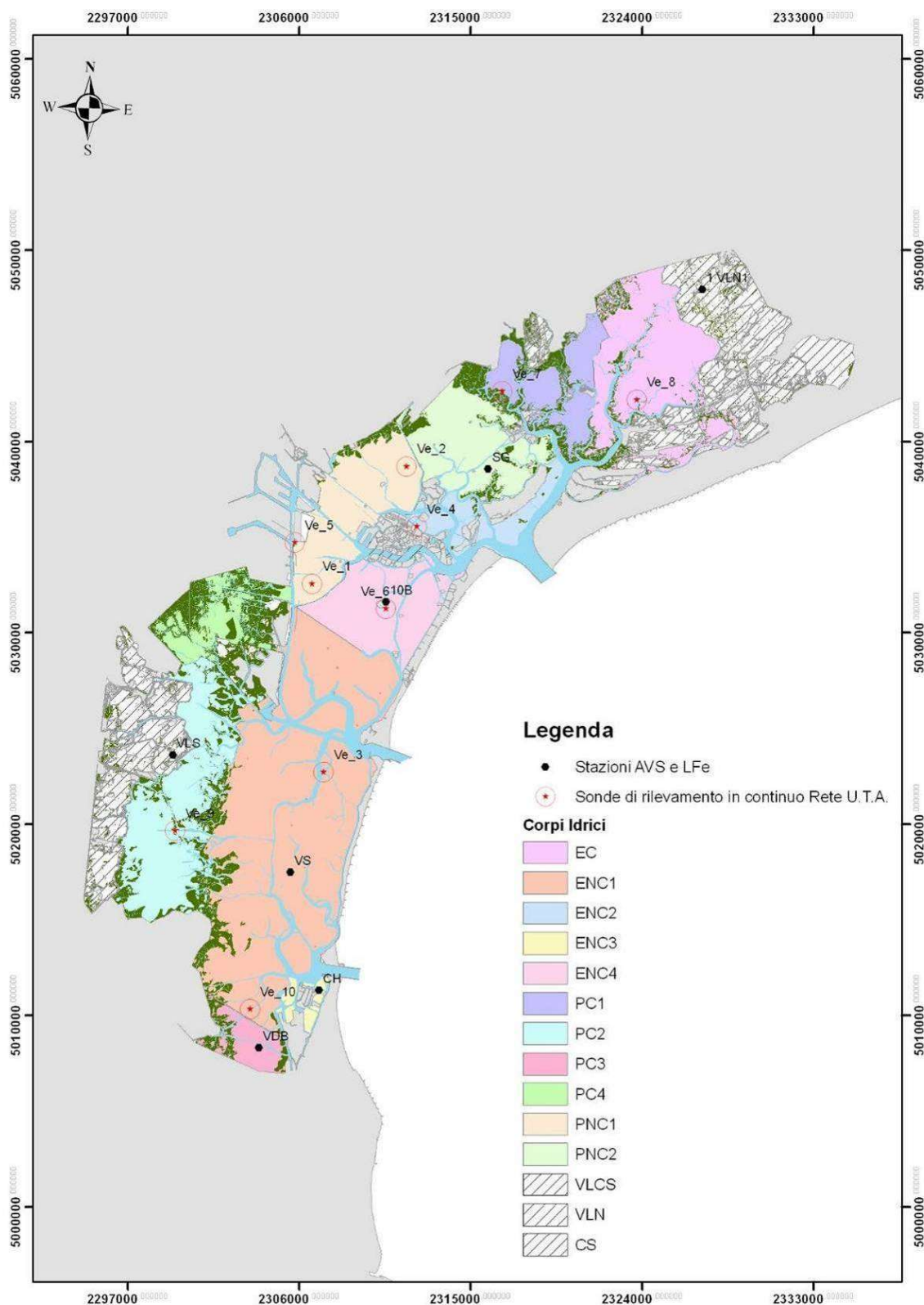


Figura 9. Localizzazione delle sonde di rilevamento in continuo dell'ossigeno (Rete U.T.A.) e delle stazioni di campionamento del sedimento per l'analisi dei parametri AVS e LFe.

2.5 Metodiche di campionamento e analisi dei parametri chimico-fisici

2.5.1 Parametri

I parametri determinati per le acque sono stati:

- solidi sospesi (TSS);
- clorofilla *a*;
- feopigmenti;
- carbonio organico particellato (POC);
- carbonio organico disciolto (DOC);
- carbonio organico totale (TOC)⁽¹⁾;
- azoto totale disciolto (TDN);
- azoto totale particellato (TPN);
- azoto ammoniacale (N-NH₄);
- azoto ossidato (N-NO_x);
- azoto sotto forma di nitrato (N-NO₃);
- azoto sotto forma di nitrito (N-NO₂);
- fosforo disciolto totale (TDP);
- fosforo reattivo (P-PO₄);
- silicati disciolti (SiO₄);
- solfuri liberi.

2.5.2 Campionamento

2.5.2.1 Carbonio organico disciolto (DOC)

Per la determinazione del DOC i campioni d'acqua sono stati prelevati direttamente mediante Niskin. Con siringhe da 60 ml con attacco LuerLock, sono stati filtrati 250 ml di acqua mediante filtri GF/F (fibra di vetro) con porosità nominale da 0.7 µm e conservati in bottiglie di policarbonato. I campioni sono stati mantenuti refrigerati durante il trasporto e congelati a -20°C in laboratorio fino al momento delle analisi.

2.5.2.2 Nutrienti: TDN, N-NH₄, NO_x, N-NO₃, N-NO₂, TDP, P-PO₄, Si-SiO₄

Per l'analisi dei nutrienti i campioni d'acqua sono stati prelevati direttamente mediante Niskin. I campioni sono stati filtrati in campo utilizzando filtri in acetato di cellulosa con porosità 0.45 µm e raccolti in barattoli monouso in PE da 500 ml. I campioni d'acqua sono stati mantenuti refrigerati durante il trasporto e congelati a -20°C in laboratorio.

⁽¹⁾ TOC ottenuto per somma DOC+POC

2.5.2.3 Solfuri liberi

Per la determinazione dei solfuri liberi è stato prelevato mediante Niskin un campione d'acqua. Con siringhe da 10 ml con attacco LuerLock sono stati filtrati 5 ml mediante filtri GF/F (fibra di vetro) da 0.7 μm . Il filtrato è stato direttamente versato su cuvette monouso fornite dal kit Hach Lange LCK653 per la determinazione dei solfuri (range 0.1-2 mg/l per S^{2-}).

2.5.2.4 Solidi sospesi totali (TSS), clorofilla-a (Chl-a), carbonio organico particellato (POC) ed azoto totale particellato (TPN)

Per la determinazione dei solidi sospesi è stato prelevato, mediante Niskin, un campione d'acqua di circa 1l. Il campione è stato conservato in bottiglie scure opportunamente pretrattate con acido cloridrico (HCl al 25% p/v), risciacquate con acqua deionizzata (18 M Ω) e poi avvinate con l'acqua del campionamento. I campioni d'acqua sono stati mantenuti refrigerati durante il trasporto fino al laboratorio, dove sono stati filtrati su filtri in fibra di vetro GF/F con porosità nominale 0.7 μm . I filtri, opportunamente risciacquati con acqua distillata, sono stati conservati a -20°C fino al momento della determinazione analitica.

Per la determinazione della clorofilla *a* viene prelevato mediante Niskin un campione d'acqua di circa 1l. Il campione viene filtrato in campo utilizzando filtri in fibra di vetro GF/F con porosità nominale da 0.7 μm . I filtri vengono trasportati a temperatura refrigerata e conservati a -20°C fino al momento della determinazione analitica.

Per la determinazione del POC e del TPN viene prelevato mediante Niskin un campione d'acqua di circa 1l. Il campione viene poi filtrato utilizzando filtri in fibra di vetro da 0.7 μm premuffolati in laboratorio a 450°C per 24 h. I filtri vengono poi trasportati a temperatura refrigerata e conservati a -20°C fino al momento della determinazione analitica.

2.5.3 Specifiche per l'esecuzione delle analisi

Le analisi relative ai singoli parametri nella matrice acqua sono state effettuate da personale specializzato presso le sedi ARPAV del Dipartimento Regionale Laboratori di Venezia e di Treviso.

La determinazione del DOC e del TOC è stata effettuata mediante combustione catalitica e successiva determinazione mediante detector ad infrarossi Shimadzu (Katz et al., 1954.).

Le analisi dei seguenti nutrienti N-NH₄, NO_x, N-NO₃, N-NO₂ e TDN vengono eseguite mediante analizzatore a flusso continuo della ditta Syssta, mentre P-PO₄ e Si-SiO₂ mediante metodo spettrofotometrico con apparecchio Aquakem, infine il TDP mediante spettrofotometro Shimadzu UV 1800 (Manuali e linee guida, ISPRA 56/2010 e APAT IRSA-CNR, 2003.).

La determinazione dei solfuri è stata effettuata mediante test in cuvetta impiegando per la lettura lo spettrofotometro Xion 500 della ditta Lange (Cline, 1969).

La determinazione dei TSS è stata ottenuta mediante pesata dopo trattamento del filtro a 105°C per 2 ore (APAT IRSA-CNR, 2003).

L'analisi della clorofilla *a* è stata eseguita mediante lettura spettrofluorimetrica previa estrazione dei filtri con acetone al 90% (Parson et al., 1984).

Le analisi di POC e TPN sono state effettuate mediante combustione con analizzatore elementare Flash EA1112NC (Hedges and Stern, 1984). Il POC è stato determinato, dopo esposizione dei filtri (Whatman GF/F) a vapori di HCl per l'eliminazione del carbonio inorganico.

I limiti di quantificazione sono riportati in Tabella 21.

Tabella 21. Limiti di quantificazione delle metodiche analitiche di ogni singolo analita/parametro.

Analita/ parametro	Limiti di quantificazione
DOC	1000 µg/L
TDN	10 µg/L
N-NH ₄	8 µg/L
N-NO _x	10 µg/L
N-NO ₃	10 µg/L fino a 2019; 11 µg/L dal 2020
N-NO ₂	3 µg/L fino a 2020; 2 µg/L dal 2021
TDP	5 µg/L fino a 2017; 1 µg/L dal 2018
P-PO ₄	1 µg/L fino al 2015; 5 µg/L nel 2016-2017; 1 µg/L dal 2018
SiO ₄	10 µg/L
Solfuri liberi	0.1 mg/L
TSS	1.0 mg/L
Chl <i>a</i> feopigmenti	0.1 µg/l
POC	50 µg/L
TPN	30 µg/L

2.5.4 Confronto con i limiti di classe Buono/Sufficiente: Fosforo reattivo (P-PO₄) e Azoto inorganico disciolto (DIN)

Al fine di applicare i limiti di classe Buono/Sufficiente per la valutazione dello stato ecologico sono state calcolate sia le medie annuali di ciascun anno di campionamento, sia la media del triennio, considerando per il calcolo tutte le stazioni e le stagioni monitorate per ciascun corpo idrico.

In Tabella è riportato il numero (N) di campioni disponibile per ciascun corpo idrico, per ciascun anno e per il triennio 2020-2022.

Ai fini dell'elaborazione delle medie degli elementi di qualità fisico-chimica, nei casi in cui i risultati analitici siano stati inferiori ai limiti di quantificazione (LOQ) della metodica analitica riportati in Tabella è stato utilizzato il 50% del valore del LOQ. Nel caso del DIN, essendo il risultato di una sommatoria di NH₃, NO₂ e NO₃, i risultati inferiori al LOQ delle singole

sostanze sono stati considerati pari a zero. Nel caso in cui tutti e tre i composti siano risultati inferiori al LOQ, la sommatoria è stata sostituita con il valore di LOQ più alto tra i tre composti considerati. Nel caso in cui il 90% dei risultati analitici siano stati sotto al LOQ non è stata effettuata la media dei valori: il risultato è stato invece riportato come "minore del limite di quantificazione" (<LOQ).

Tabella 2. Numero di campioni (N) considerato, per ciascun corpo idrico, per il calcolo della media annuale e del triennio.

Corpo idrico	N di ciascun anno	N del triennio 2020-2022
EC	12	36
ENC1	24	72
ENC2	8	24
ENC3	4	12
ENC4	8	24
PC1	12	36
PC2	12	36
PC3	4	12
PC4	4	12
PNC1	12	36
PNC2	12	36
VLCS	4	11
VLN	4	12

2.5.4.1 Fosforo Reattivo

In Tabella 3 e Tabella 4 sono riportate le statistiche descrittive effettuate con i valori di P-PO₄ per ciascun anno di monitoraggio e per il triennio 2020-2022. Sempre nelle tabelle sono stati indicati i limiti di classe Buono/Sufficiente previsti dal D.M. 260/2010, la numerosità dei campioni e la numerosità dei valori analitici risultati superiori al limite di quantificazione (LOQ). In Figura 10 sono invece rappresentati i box plot dei valori.

Per quanto riguarda il parametro P-PO₄ non si sono osservati superamenti del limite di classe per i corpi idrici con classe di salinità >30.

Tabella 23. Medie, deviazioni standard, minimi, massimi annuali, con relative numerosità e valori superiori al limite di quantificazione del parametro P-PO₄, calcolati per ciascun corpo idrico per ciascun anno di monitoraggio dal 2020 al 2022.

P-PO ₄ (µM) - anno 2020								
Tipo	Corpi idrici	limiti di classe B/S	Media	Dev.St.	Min	Max	N	N valori > LOQ
Eualino	EC	0.48	0.09	0.13	<0.03	0.48	12	11
	ENC1		0.07	0.06	<0.03	0.26	24	21
	ENC2		0.06	0.04	<0.03	0.13	8	6
	ENC3		0.08	0.05	<0.03	0.13	4	3

P-PO₄ (μM) - anno 2020								
Tipo	Corpi idrici	limiti di classe B/S	Media	Dev.St.	Min	Max	N	N valori > LOQ
Polialino	ENC4	/	0.04	0.02	<0.03	0.06	8	5
	PC1		0.15	0.13	<0.03	0.39	12	12
	PC2		0.16	0.36	<0.03	1.29	12	8
	PC3		0.07	0.05	<0.03	0.13	4	3
	PC4		0.24	0.08	0.16	0.36	4	4
	PNC1		0.19	0.17	0.03	0.58	12	12
	PNC2		0.09	0.09	0.03	0.36	12	12
Polialino	VLCS	/	<0.03	0.03	<0.03	0.06	3	1
Eualino	VLN	0.48	0.08	0.06	0.03	0.16	4	4
P-PO₄ (μM) - anno 2021								
Tipo	Corpi idrici	limiti di classe B/S	Media	Dev.St.	Min	Max	N	N valori > LOQ
Eualino	EC	0.48	0.08	0.02	0.06	0.13	12	12
	ENC1		0.08	0.03	0.03	0.13	24	24
	ENC2		0.09	0.05	0.06	0.19	8	8
	ENC3		0.10	0.03	0.06	0.13	4	4
	ENC4		0.08	0.02	0.06	0.10	8	8
Polialino	PC1	/	0.14	0.16	0.03	0.61	12	12
	PC2		0.09	0.03	0.06	0.13	12	12
	PC3		0.08	0.02	0.06	0.10	4	4
	PC4		0.40	0.16	0.26	0.61	4	4
	PNC1		0.17	0.13	0.03	0.45	12	12
	PNC2		0.12	0.11	<0.03	0.36	12	11
Polialino	VLCS	/	0.08	0.04	0.03	0.13	4	4
Eualino	VLN	0.48	0.10	0.07	0.03	0.19	4	4
P-PO₄ (μM) - anno 2022								
Tipo	Corpi idrici	limiti di classe B/S	Media	Dev.St.	Min	Max	N	N valori > LOQ
Eualino	EC	0.48	0.04	0.03	<0.03	0.10	12	9
	ENC1		0.04	0.03	<0.03	0.13	24	17
	ENC2		0.03	0.02	<0.03	0.06	8	4
	ENC3		0.04	0.02	<0.03	0.06	4	3
	ENC4		0.05	0.05	0.03	0.16	8	8
Polialino	PC1	/	0.08	0.08	<0.03	0.26	12	8
	PC2		0.06	0.03	<0.03	0.10	12	10
	PC3		0.05	0.04	<0.03	0.10	4	2
	PC4		0.24	0.02	0.23	0.26	4	4

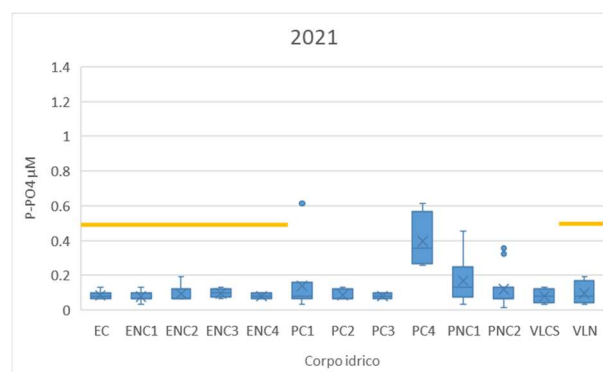
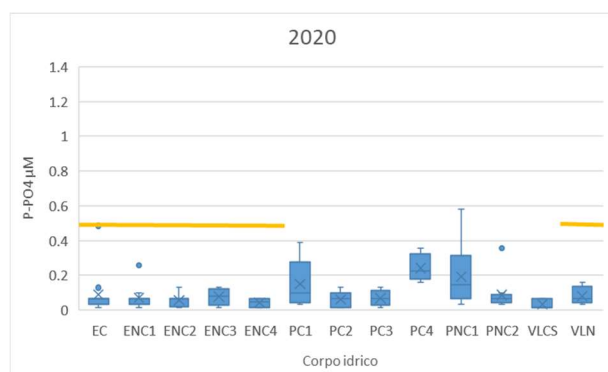
P-PO₄ (μM) - anno 2020

Tipo	Corpi idrici	limiti di classe B/S	Media	Dev.St.	Min	Max	N	N valori > LOQ
	PNC1		0.22	0.22	<0.03	0.61	12	11
	PNC2		0.08	0.07	<0.03	0.23	12	10
	VLCS		0.15	0.10	0.06	0.26	4	4
Polialino	VLCS	/	0.15	0.10	0.06	0.26	4	4
Eualino	VLN	0.48	0.04	0.02	<0.03	0.06	4	3

Tabella 24. Medie, deviazioni standard, minimi, massimi del triennio, con relative numerosità e valori superiori al limite di quantificazione del parametro P-PO₄, calcolati per ciascun corpo idrico per il triennio di monitoraggio 2020-2022.

P-PO₄ (μM) triennio 2020-2022

Tipo	Corpi idrici	limiti di classe B/S	Media	Dev.St.	Min	Max	N	N valori > LOQ
Eualino	EC	0.48	0.07	0.08	<0.03	0.48	36	32
	ENC1		0.06	0.04	<0.03	0.26	72	62
	ENC2		0.06	0.04	<0.03	0.19	24	18
	ENC3		0.07	0.04	<0.03	0.13	12	10
	ENC4		0.06	0.03	<0.03	0.16	24	21
Polialino	PC1	/	0.12	0.13	<0.03	0.61	36	32
	PC2		0.07	0.03	<0.03	0.13	36	30
	PC3		0.07	0.04	<0.03	0.13	12	9
	PC4		0.29	0.12	0.16	0.61	12	12
	PNC1		0.19	0.17	<0.03	0.61	36	35
	PNC2		0.09	0.09	<0.03	0.36	36	33
Polialino	VLCS	/	0.09	0.08	<0.03	0.26	11	9
Eualino	VLN	0.48	0.07	0.05	<0.03	0.19	12	11



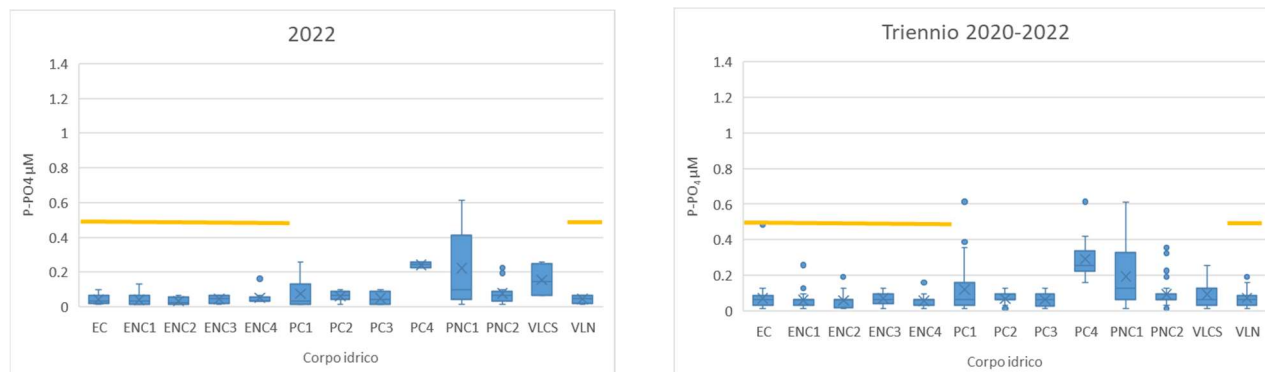


Figura 10. Box plot dei valori di P-PO₄ determinati nel triennio di monitoraggio 2020-2022 nei campioni di acqua della laguna di Venezia raggruppati per corpo idrico. La linea arancione orizzontale corrisponde al limite di classe B/S (0.48µM) indicato dal D.M. 260/2010 per i tipi di corpo idrico con salinità >30 (eualini).

2.5.4.2 Azoto Inorganico Disciolto

In Tabella 25 e Tabella 236 sono riportate le statistiche descrittive effettuate con i valori di DIN (NH₃ + NO₂ + NO₃) per ciascun anno di monitoraggio e per il triennio 2020-2022. Sempre nelle tabelle sono stati indicati i limiti di classe Buono/Sufficiente previsti dal D.M. 260/2010, la numerosità dei campioni e la numerosità dei valori analitici risultati superiori al limite di quantificazione (LOQ). In Figura 11 sono invece rappresentati i box plot dei valori. Per quanto riguarda il parametro DIN, nel 2020 e nel 2021 il CI PC4 ha superato i limiti di classe B/S.

Considerando l'intero triennio 2020-2022, il superamento del limite di classe B/S è avvenuto solo per il CI PC4 e con un valore medio inferiore al 75% del limite stesso, ma superiore al 50%, pertanto in caso di classificazione almeno Buona del suddetto CI, potrebbero essere attivati i monitoraggi di indagine sugli EQB più significativi e la verifica della presenza di una tendenza significativa delle concentrazioni, prima dell'immediato declassamento dello stato ecologico del CI.

Tabella 225. Medie, deviazioni standard, minimi, massimi annuali, con relative numerosità e valori superiori al limite di quantificazione del parametro DIN, calcolati per ciascun corpo idrico per ciascun anno di monitoraggio dal 2020 al 2022.

DIN(µM) anno 2020								
Tipo	Corpi idrici	limiti di classe B/S	Media	Dev.St.	Min	Max	N	N valori > LOQ
Eualino	EC	18	4	3	1	12	12	12
	ENC1		5	3	1	12	24	24
	ENC2		8	6	2	20	8	8
	ENC3		5	3	2	8	4	4
	ENC4		5	4	1	10	8	8
Pollino	PC1	30	15	14	1	45	12	12
	PC2		13	14	1	41	12	12

DIN(μ M) anno 2020

Tipo	Corpi idrici	limiti di classe B/S	Media	Dev.St.	Min	Max	N	N valori > LOQ
	PC3		6	5	1	11	4	4
	PC4		36	32	14	84	4	4
	PNC1		11	9	1	29	12	12
	PNC2		13	11	1	42	12	12
Polialino	VLCS	30	2	1	1	3	3	3
Eualino	VLN	18	12	12	5	29	4	4

DIN(μ M) anno 2021

Tipo	Corpi idrici	limiti di classe B/S	Media	Dev.St.	Min	Max	N	N valori > LOQ
Eualino	EC		9	4	1	14	12	12
	ENC1	18	9	6	<0.7	23	24	23
	ENC2		11	9	1	30	8	8
	ENC3		10	5	4	16	4	4
	ENC4		11	7	<0.7	19	8	7
Polialino	PC1		22	16	4	54	12	12
	PC2		19	11	2	39	12	12
	PC3	30	19	20	5	49	4	4
	PC4		75	28	50	106	4	4
	PNC1		20	12	2	34	12	12
	PNC2		21	16	4	62	12	12
Polialino	VLCS	30	5	6	<0.7	14	4	3
Eualino	VLN	18	13	6	6	18	4	4

DIN (μ M) anno 2022

Tipo	Corpi idrici	limiti di classe B/S	Media	Dev.St.	Min	Max	N	N valori > LOQ
Eualino	EC		6	9	<0.7	30	12	10
	ENC1	18	5	5	<0.7	17	24	22
	ENC2		6	5	<0.7	12	8	6
	ENC3		5	6	1	14	4	4
	ENC4		6	5	<0.7	15	8	7
Polialino	PC1	30	16	11	1	34	12	12
	PC2		10	7	1	21	12	12
	PC3		26	48	1	98	4	4

DIN(μ M) anno 2020

Tipo	Corpi idrici	limiti di classe B/S	Media	Dev.St.	Min	Max	N	N valori > LOQ
	PC4		29	18	2	42	4	4
	PNC1		12	8	1	24	12	12
	PNC2		12	10	<0.7	34	12	11
Polialino	VLCS	30	12	21	1	43	4	4
Eualino	VLN	18	19	16	1	37	4	4

Tabella 236. Medie, deviazioni standard, minimi, massimi annuali, con relative numerosità e valori superiori al limite di quantificazione del parametro DIN, calcolati per ciascun corpo idrico per il triennio di monitoraggio 2020-2022.

DIN (μ M) triennio 2020-2022

Tipo	Corpi idrici	limiti di classe B/S	Media	Dev.St.	Min	Max	N	N valori > LOQ
Eualino	EC	18	6	6	<0.7	30	36	34
	ENC1		6	5	<0.7	23	72	69
	ENC2		9	7	<0.7	30	24	22
	ENC3		7	5	1	16	12	12
	ENC4		8	6	<0.7	19	24	22
Polialino	PC1	30	18	14	1	54	36	36
	PC2		14	11	1	41	36	36
	PC3		17	28	1	98	12	12
	PC4		47	32	2	106	12	12
	PNC1		14	10	1	34	36	36
	PNC2		15	13	<0.7	62	36	35
Polialino	VLCS	30	7	13	<0.7	43	11	10
Eualino	VLN	18	14	11	1	37	12	12

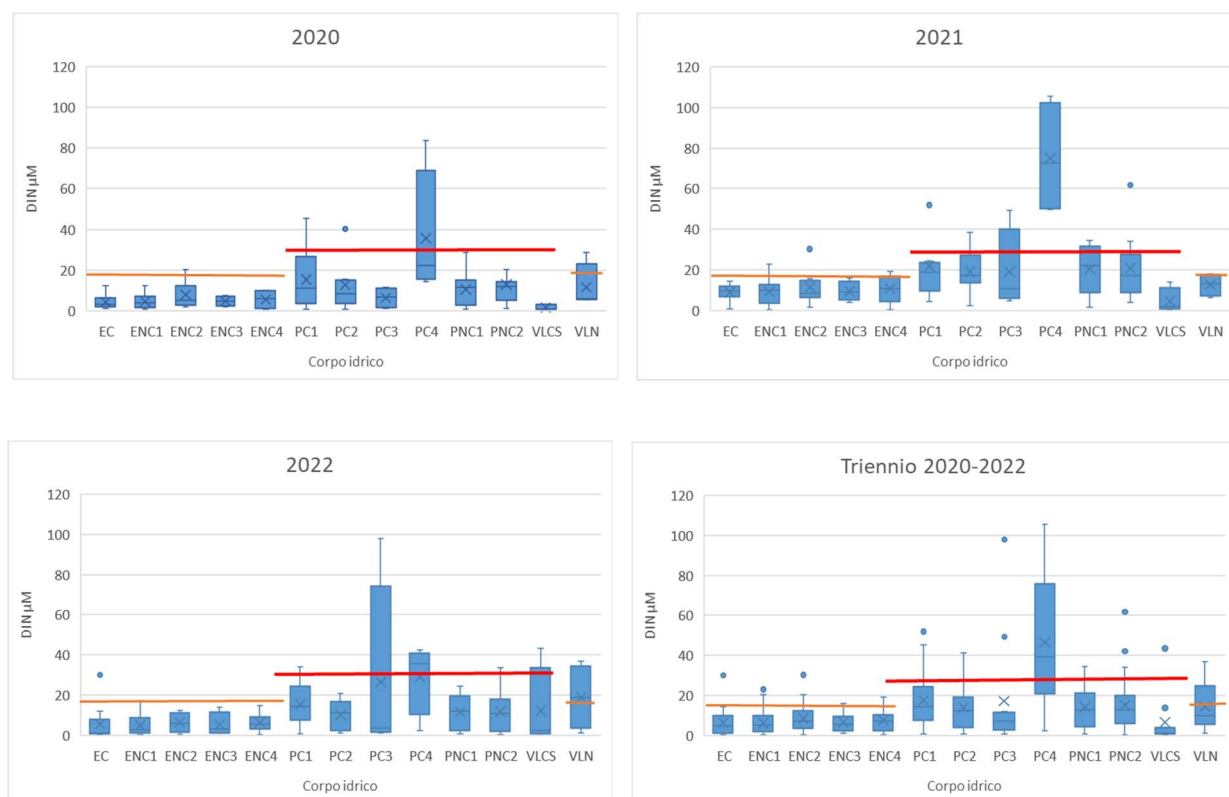


Figura 11. Box plot dei valori di DIN determinati nei campioni di acqua della laguna di Venezia, raggruppati per corpo idrico. Le linee orizzontali corrispondono ai due rispettivi limiti di classe B/S indicati dal D.M. 260/2010 per le diverse classi di salinità (<30 = 18 µM; >30 = 30 µM). Valutazione delle Condizioni di Ossigenazione

2.5.5 Valutazione delle Condizioni di Ossigenazione

Il monitoraggio delle condizioni di ossigenazione dei corpi idrici della laguna di Venezia è stato eseguito dal Provveditorato per le Opere Pubbliche. Dal 2013 i dati di ossigeno (sonde in continuo e AVS/LFe) vengono forniti dal Provveditorato per le Opere Pubbliche in forma grezza (dati singoli) e vengono elaborati da ARPAV e da ISPRA. Nel paragrafo seguente si riportano quindi i confronti con i limiti normativi per i rilevamenti delle sole sonde in continuo, poiché il monitoraggio del AVS/LFe è stato sospeso nel periodo in esame.

2.5.5.1 Sonde in continuo

In Tabella 24,

Tabella 25 e Tabella 269 sono riportate le caratteristiche di ossigenazione dei corpi idrici nel corso del triennio 2020-2022 in riferimento alle condizioni definite dal D.M. 260/2010. In ALLEGATO 2 si riportano i dati tabellari con evidenziati i periodi di anossia (<1 mg/l) e ipossia (tra 2 e 1 mg/l).

In tutti e tre gli anni a causa di malfunzionamenti delle sonde, si sono verificate numerose assenze di dati per periodi superiori alle 24 ore, elencate nel campo "note" di ciascuna tabella. In particolare, alcuni malfunzionamenti hanno interessato periodi in cui sono stati rilevati fenomeni di ipossia o anossia da altre sonde o, ad ogni modo, periodi comunemente critici per le condizioni di ossigenazione in laguna. Per molti corpi idrici non è stata quindi possibile la valutazione delle condizioni di ossigenazione.

Nel 2020 si sono verificate anossie inferiori a 1 giorno, ma ripetute per più giorni consecutivi, nel corpo idrico PNC1 (stazione Ve_1: dal 12 al 13 giugno, dal 28 al 30 giugno e dal 8 al 12 luglio). Si sono verificati, inoltre, malfunzionamenti che hanno interessato l'intera annualità per la sonda Ve_10 del CI ENC1. Per tutti gli altri CI il malfunzionamento ha interessato periodi estesi in cui nelle sonde funzionanti si sono verificate condizioni di anossia, per questi corpi idrici non è stato possibile determinare le condizioni di ossigenazione.

Nel 2021, si segnalano situazioni di anossia ripetuta per più giorni, ma sempre della durata inferiore alle 24 ore, nei corpi idrici PC1 (stazione Ve_7: dal 9 al 10 luglio, dal 31 luglio al 3 agosto, dal 5 al 6 agosto e dal 8 al 16 agosto) e PC2 (stazione Ve_9: dal 15 al 16 agosto). Rispetto all'anno precedente, per il 2021 si sono verificati malfunzionamenti che hanno interessato la quasi intera annualità, oltre alla sonda della stazione Ve_10 del CI ENC1, anche alle sonde Ve_2 e Ve_5 del CI PNC1, Ve_3 del CI ENC1 (solo 3 giorni di funzionamento) e Ve_4 del CI ENC2 (solo 18 giorni di funzionamento). Ad eccezione del CI EC, nel quale il breve malfunzionamento ha interessato un periodo non critico per le condizioni di ossigenazione e si può quindi ritenere che non si sia verificata nessuna condizione di anossia e/o ipossia, per tutti gli altri CI il malfunzionamento ha interessato periodi estesi, compresi quelli in cui nelle sonde funzionanti si sono verificate condizioni di anossia. Per questi corpi idrici non è stato possibile determinare le condizioni di ossigenazione.

Nel 2022, si segnalano situazioni di anossia ripetuta per più giorni, ma sempre della durata inferiore alle 24 ore, nel corpo idrico PNC1 (stazione Ve_1: 23 e 24 luglio, 5 e 6 agosto, 25 e 26 agosto).

Come negli anni precedenti, si sono verificati malfunzionamenti che hanno interessato la quasi intera annualità per le sonde delle stazioni Ve_4 del CI ENC2, Ve_5 del CI PNC1, Ve_3 (8 giorni di funzionamento) e Ve_10 del CI ENC1. Per tutti gli altri CI il malfunzionamento ha interessato periodi estesi, compresi quelli in cui si sono verificate condizioni di anossia nelle altre sonde funzionanti. Per questi corpi idrici non è stato possibile determinare le condizioni di ossigenazione.

Complessivamente nel triennio 2020-2022 si sono verificate per lo più condizioni di anossia della durata inferiore a un giorno, ma ripetute per più giorni consecutivi. Il corpo idrico ENC1 è contraddistinto da assenza di dati per quasi tutto il triennio (la sonda Ve_10 non ha infatti mai funzionato mentre la Ve_3 ha rilevato dati per soli 8 mesi nell'intero triennio) e il corpo idrico ENC2 presenta dati per ca. 1 anno su 3, analogamente alla stazione Ve_5 del CI PNC1. Per tutti gli altri CI si segnala un'assenza di dati estesa a gran parte del periodo estivo. Per tutti i CI della Laguna di Venezia, nel triennio in esame, non si può ritenere determinabile lo stato di ossigenazione delle acque ai sensi del DM 260/2010.

Tabella 24. Condizioni di ossigenazione dei corpi idrici della Laguna di Venezia nel 2020 risultanti dai dati forniti dal Provveditorato per le Opere Pubbliche ed elaborati da ARPAV e ISPRA (N.D. = non determinabile; in rosso sono evidenziate le assenze di dato nei periodi significativi (periodi critici prevalentemente estivi rilevati dalle altre sonde quando in funzione)).

C.I.	Nome	Condizione 1	Condizione 2		NOTE (Mancanza di dati per 24h consecutive)
		ANOSSIA per 1 o più gg	ANOSSIA < 1 gg ma ripetute per più giorni consecutivi	e/o IPOSSIA per più di un giorno	
EC	Ve_8 Palude Maggiore	N.D.	N.D.	N.D.	02/04; dal 01/06 al 30/06; dal 01/07 al 12/07; dal 11/11 al 15/11
PC1	Ve_7 Dese	N.D.	N.D.	N.D.	dal 01/01 al 15/01; dal 08/04 al 13/04; dal 06/10 al 13/10
ENC2	Ve_4 Bocca di Lido	N.D.	N.D.	N.D.	dal 01/01 al 29/03; 21 e 22/04; dal 13/05 al 20/05; dal 11/06 al 14/06; 07/09; 23/09
PNC1	Ve_1 Marghera	nessun evento	12 e 13/06; dal 28/06 al 30/06; dal 08/07 al 12/07	nessun evento	dal 01/01 al 08/01; 30/01; dal 22/02 al 24/02; 11/3; dal 27/10 al 29/10; 06/12
	Ve_5 Marghera	N.D.	N.D.	N.D.	dal 01/01 al 11/03; dal 18/05 al 27/05; dal 06/06 al 31/12
	Ve_2 Marghera	N.D.	N.D.	N.D.	26 e 27/02; dal 19/06 al 31/12
ENC4	Ve_6 Sacca Sessola	N.D.	N.D.	N.D.	dal 01/01 al 06/02; dal 12/05 al 18/05; dal 20/10 al 22/10
ENC1	Ve_3 Centro Sud	N.D.	N.D.	N.D.	17 e 18/03; 12/04; dal 05/09 al 02/12
	Ve_10 Centro Sud	N.D.	N.D.	N.D.	Tutto l'anno
PC2	Ve_9 Millecampi	N.D.	N.D.	N.D.	dal 01/01 al 22/01; 27/05; 19/08; dal 24/11 al 26/11

Tabella 25. Condizioni di ossigenazione dei corpi idrici della Laguna di Venezia nel 2021 risultanti dai dati forniti dal Provveditorato per le Opere Pubbliche ed elaborati da ARPAV e ISPRA (N.D. = non determinabile; in rosso sono evidenziate le assenze di dato nei periodi significativi (periodi critici prevalentemente estivi rilevati dalle altre sonde quando in funzione)).

		Condizione 1	Condizione 2		
C.I.	Nome	ANOSSIA per 1 o più gg	ANOSSIA < 1 gg ma ripetute per più giorni consecutivi	e/o IPOSSIA per più di un giorno	NOTE (Mancanza di dati per 24h consecutive)
EC	Ve_8 Palude Maggiore	nessun evento	nessun evento	nessun evento	dal 15/03 al 20/03; dal 16/12 al 31/12
PC1	Ve_7 Dese	nessun evento	09 e 10/07; dal 31/07 al 03/08; 05 e 06/08; dal 08/08 al 16/08	nessun evento	dal 16/12 al 31/12
ENC2	Ve_4 Bocca di Lido	N.D.	N.D.	N.D.	Tutto l'anno ad eccezione dei periodi dal 01/01 al 03/01 e dal 13/01 al 27/01
PNC1	Ve_1 Marghera	nessun evento	nessun evento	nessun evento	dal 04/02 al 07/02; dal 31/10 al 31/12
	Ve_5 Marghera	N.D.	N.D.	N.D.	Tutto l'anno
	Ve_2 Marghera	N.D.	N.D.	N.D.	Tutto l'anno
ENC4	Ve_6 Sacca Sessola	N.D.	N.D.	N.D.	dal 10/06 al 03/10; 05/10; dal 23/12 al 31/12
ENC1	Ve_3 Centro Sud	N.D.	N.D.	N.D.	Tutto l'anno ad eccezione di 01-02-03/01
	Ve_10 Centro Sud	N.D.	N.D.	N.D.	Tutto l'anno
PC2	Ve_9 Millecampi	nessun evento	15 e 16/08	nessun evento	dal 21/12 al 31/12

Tabella 26. Condizioni di ossigenazione dei corpi idrici della Laguna di Venezia nel 2022 risultanti dai dati forniti dal Provveditorato per le Opere Pubbliche ed elaborati da ARPAV e ISPRA (N.D. = non determinabile; in rosso sono evidenziate le assenze di dato nei periodi significativi (periodi critici prevalentemente estivi rilevati dalle altre sonde quando in funzione)).

C.I.	Nome	Condizione 1	Condizione 2		NOTE (Mancanza di dati per 24h consecutive)
		ANOSSIA per 1 o più gg	ANOSSIA < 1 gg ma ripetute per più giorni consecutivi	e/o IPOSSIA per più di un giorno	
EC	Ve_8 Palude Maggiore	N.D.	N.D.	N.D.	dal 01/01 al 31/01; dal 25/03 al 27/03; dal 16/05 al 19/05; 04 e 05/06; dal 26/06 al 12/07; 04/10
PC1	Ve_7 Dese	N.D.	N.D.	N.D.	dal 01/01 al 31/01; 18 e 19/05 ; dal 04/10 al 28/10; dal 16/12 al 31/12
ENC2	Ve_4 Bocca di Lido	N.D.	N.D.	N.D.	Tutto l'anno
PNC1	Ve_1 Marghera	N.D.	23 e 24/07; 05 e 06/08; 25 e 26/08	N.D.	dal 01/01 al 31/01; 25 e 26/05
	Ve_5 Marghera	N.D.	N.D.	N.D.	Tutto l'anno
	Ve_2 Marghera	N.D.	N.D.	N.D.	dal 01/01 al 14/03; dal 12/05 al 16/05; 30 e 31/08
ENC4	Ve_6 Sacca Sessola	N.D.	N.D.	N.D.	dal 01/01 al 31/01; 27/03; dal 11/04 al 22/04; dal 25/05 al 27/05; dal 01/09 al 03/09 ; dal 04/10 al 11/11
ENC1	Ve_3 Centro Sud	N.D.	N.D.	N.D.	Tutto l'anno ad eccezione del periodo dal 01/03 al 08/03
	Ve_10 Centro Sud	N.D.	N.D.	N.D.	Tutto l'anno
PC2	Ve_9 Millecampi	N.D.	N.D.	N.D.	dal 01/01 al 07/03; dal 29/03 al 10/04; 09/06; dal 28/06 al 30/06; dal 01/07 al 11/07; dal 17/07 al 19/07; dal 22/07 al 26/07; dal 20/08 al 31/12

2.5.6 Altri parametri

In ALLEGATO 1 sono riportate le statistiche descrittive (media, deviazione standard, minimo, massimo e conteggio dei casi) dei parametri fisico-chimici a sostegno indicati nei protocolli di monitoraggio ISPRA, ma per i quali non sono stati definiti valori soglia.

2.5.7 Confronti tra trienni di Monitoraggio

Al fine di confrontare i valori di P-PO₄ e DIN risultati nei diversi anni (dal 2011 al 2022) è stato applicato il test non parametrico di Kruskal-Wallis e relativo test *post hoc* ai dati,

separati per corpo idrico. Un ulteriore confronto è stato eseguito tra i valori risultati nei quattro trienni di monitoraggio operativo sempre con il medesimo test statistico (dove non indicato la significatività è per $p < 0.05$).

2.5.7.1 Fosforo Reattivo

In Tabella sono riportate le statistiche descrittive dei dati di fosforo reattivo risultati dal 2011 al 2022 nei corpi idrici della Laguna di Venezia. In Figura 12 sono invece raffigurati, per ciascuno dei corpi idrici, i box plot di tali risultati; data la variabilità nei valori di P-PO₄ nei diversi corpi idrici, si è scelto di mostrare i grafici per ogni CI con scale dei valori dell'asse y differenziate, in modo da poter apprezzare al meglio gli andamenti dell'ortofosfato nel tempo. Dai confronti statistici è emerso, per il corpo idrico EC, che i valori del 2015 sono significativamente maggiori rispetto a quelli del 2011, 2018, 2019, 2020 e 2022, mentre le concentrazioni del 2022 risultano sempre significativamente minori rispetto a quelle del 2014 e 2017. In ENC1, 2014 e 2015 hanno valori significativamente più alti rispetto al 2011, 2012, 2018, 2019, 2020 e 2022 (per il 2015 anche nel confronto con il 2021); i valori degli anni compresi tra il 2018 e il 2022, ad eccezione del 2021, sono più simili a quelli del 2011 e 2012, con concentrazioni inferiori a quelle del periodo 2013-2017. All'interno del CI ENC2, i valori degli anni 2020 e 2022 sono significativamente più bassi rispetto a quelli del 2015 e 2014 (solo per il 2022). Nel CI ENC4, è il 2015 ad avere valori di P-PO₄ significativamente più alti, in particolare rispetto al 2011, 2020 e 2022. Il 2022 è l'anno con i valori più bassi anche per PC1, quando le differenze sono significative con gli anni 2014 e 2015. In PC2 è il 2015 l'anno con i valori significativamente più alti, soprattutto rispetto al 2011, 2017, 2018, 2019, 2020 e 2022; anche il 2014 risulta statisticamente diverso (valori maggiori) rispetto al 2022. Nel CI PNC2, le concentrazioni di P-PO₄ sono risultate significativamente maggiori negli anni 2014 e 2015, in particolare nel confronto con 2020 e 2022. Infine, per i CI PC3 e PNC1, le differenze tra i valori sono risultate significative, ma non sono significativi poi i confronti multipli tra anni di monitoraggio.

Per tutti gli altri corpi idrici non si sono evidenziati aumenti o diminuzioni significative. Va considerato che, rispetto al triennio 2011-2013 in cui erano numerosi e frequenti i campioni con concentrazioni di ortofosfato inferiori ai limiti di quantificazione della metodica (LOQ = 0.1 µM), nel triennio 2014-2016 solo pochi campioni sono risultati inferiori al LOQ (0.2 µM). Nel triennio 2017-2019, solo nell'ultimo anno tutti i valori sono risultati >LOQ che nel frattempo si è abbassato grazie ai miglioramenti della performance della metodica analitica fino a 0.03 µM. Infine nel triennio 2020-2022 diversi valori sono di nuovo scesi sotto al LOQ, che però è rimasto a 0.03 µM.

Tutti i valori medi di P-PO₄ dei corpi idrici con salinità >30 sono risultati inferiori al limite di classe B/S di 0.48 µM in tutti gli anni, fatta eccezione per il corpo idrico ENC3 che nel 2016 ha mostrato valori medi uguali al limite B/S (0.48 µM).

Confrontando i dati raggruppati per ciclo di monitoraggio (Figura 13) per i CI EC, ENC1 e PC2 si sono evidenziati aumenti significativi tra il triennio 2011-2013 e il triennio 2014-2016 e viceversa diminuzioni significative tra il triennio 2014-2016 e il triennio 2020-2022; per il CI ENC2 vi è una diminuzione costante dei valori tra triennio 2011-2013 e 2020-2022, anche se da un punto di vista statistico è, come per gli altri CI, il triennio 2014-2016 a distinguersi significativamente da tutti gli altri. In ENC3, PC1, PC3 e VLN le differenze significative si sono evidenziate tra il triennio 2014-2016 e 2020-2022, con il primo sempre più alto rispetto al 2020-2022, fatta eccezione per PC1. Nel CI ENC4 il triennio 2014-2016 mostra valori statisticamente maggiori rispetto ai trienni 2017-2019 e 2020-2022, mentre in VLCS è il triennio 2011-2013 ad essere significativamente più alto degli ultimi due. Per PNC1 invece il triennio 2011-2013, quello con valori più elevati in generale, è significativamente diverso dai trienni 2017-2019 e 2020-2022, e il triennio 2014-2016 risulta significativamente diverso (maggiore) solamente rispetto al triennio 2020-2022. Anche nel CI PC4 si sono evidenziate differenze significative, che però non vengono confermate nell'analisi dei confronti multipli.

Tabella 30. Statistiche descrittive del parametro P-PO₄ (μM) analizzato nei diversi anni di monitoraggio (dal 2011 al 2022) nei corpi idrici della Laguna di Venezia.

		P-PO ₄ (μM)				
Corpo idrico	Anno	Media	Dev. Standard	Min	Max	N
EC	2011	0.09	0.10	0.05	0.36	10
	2012	0.11	0.08	0.05	0.24	9
	2013	0.10	0.07	0.01	0.19	12
	2014	0.13	0.04	0.10	0.23	12
	2015	0.16	0.03	0.13	0.23	12
	2016	0.09	0.00	0.09	0.09	12
	2017	0.13	0.06	0.08	0.23	12
	2018	0.08	0.06	0.02	0.19	12
	2019	0.13	0.25	0.03	0.94	12
	2020	0.09	0.13	0.02	0.48	12
	2021	0.08	0.02	0.06	0.13	12
	2022	0.04	0.03	0.02	0.10	12
ENC1	2011	0.07	0.07	0.05	0.36	20
	2012	0.10	0.14	0.05	0.61	18
	2013	0.15	0.13	0.01	0.55	24
	2014	0.15	0.06	0.06	0.32	24
	2015	0.17	0.03	0.13	0.26	24
	2016	0.10	0.03	0.09	0.19	24
	2017	0.13	0.05	0.08	0.23	24
	2018	0.06	0.04	0.02	0.16	24
	2019	0.06	0.05	0.02	0.26	24
	2020	0.07	0.06	0.02	0.26	24
	2021	0.08	0.03	0.03	0.13	24
	2022	0.04	0.03	0.02	0.13	24
ENC2	2011	0.09	0.07	0.05	0.22	7

		P-PO₄ (μM)				
Corpo idrico	Anno	Media	Dev. Standard	Min	Max	N
	2012	0.08	0.07	0.05	0.22	6
	2013	0.46	0.67	0.01	1.94	8
	2014	0.19	0.11	0.10	0.45	8
	2015	0.22	0.09	0.16	0.39	8
	2016	0.09	0.00	0.09	0.09	8
	2017	0.11	0.05	0.08	0.19	8
	2018	0.09	0.06	0.02	0.16	8
	2019	0.13	0.21	0.02	0.65	8
	2020	0.06	0.04	0.02	0.13	8
	2021	0.09	0.05	0.06	0.19	8
	2022	0.03	0.02	0.02	0.06	8
ENC3	2011	0.19	0.14	0.05	0.39	4
	2012	0.10	0.09	0.05	0.21	3
	2013	0.15	0.11	0.01	0.26	4
	2014	0.18	0.11	0.06	0.32	4
	2015	0.23	0.08	0.16	0.32	4
	2016	0.48	0.78	0.09	1.65	4
	2017	0.13	0.06	0.08	0.19	4
	2018	0.06	0.05	0.03	0.13	4
	2019	0.07	0.02	0.06	0.10	4
	2020	0.08	0.05	0.02	0.13	4
	2021	0.10	0.03	0.06	0.13	4
	2022	0.04	0.02	0.02	0.06	4
ENC4	2011	0.06	0.03	0.05	0.12	7
	2012	0.13	0.10	0.05	0.30	6
	2013	0.45	0.58	0.01	1.61	8
	2014	0.14	0.05	0.06	0.23	8
	2015	0.18	0.05	0.13	0.26	8
	2016	0.09	0.00	0.09	0.09	8
	2017	0.14	0.06	0.08	0.23	8
	2018	0.08	0.09	0.02	0.26	8
	2019	0.07	0.05	0.02	0.16	8
	2020	0.05	0.05	0.03	0.16	8
	2021	0.08	0.02	0.06	0.10	8
	2022	0.04	0.02	0.02	0.06	8
PC1	2011	0.15	0.16	0.05	0.56	10
	2012	0.27	0.26	0.05	0.76	9
	2013	0.49	0.88	0.01	3.23	12
	2014	0.32	0.43	0.10	1.61	12
	2015	0.24	0.12	0.13	0.52	12
	2016	0.16	0.14	0.09	0.58	12
	2017	0.16	0.09	0.08	0.32	12

		P-PO₄ (μM)				
Corpo idrico	Anno	Media	Dev. Standard	Min	Max	N
	2018	0.14	0.18	0.02	0.71	12
	2019	0.15	0.17	0.06	0.65	12
	2020	0.15	0.13	0.03	0.39	12
	2021	0.14	0.16	0.03	0.61	12
	2022	0.08	0.08	0.02	0.26	12
PC2	2011	0.10	0.09	0.05	0.32	11
	2012	0.12	0.10	0.05	0.32	9
	2013	0.13	0.11	0.01	0.29	12
	2014	0.16	0.07	0.06	0.29	12
	2015	0.19	0.02	0.16	0.23	12
	2016	0.12	0.07	0.09	0.29	12
	2017	0.13	0.06	0.08	0.26	12
	2018	0.08	0.06	0.02	0.26	12
	2019	0.07	0.06	0.02	0.23	12
	2020	0.06	0.04	0.02	0.13	12
	2021	0.09	0.03	0.06	0.13	12
	2022	0.06	0.03	0.02	0.10	12
PC3	2011	0.14	0.07	0.05	0.20	4
	2012	0.05	0.00	0.05	0.05	3
	2013	0.15	0.10	0.01	0.23	4
	2014	0.31	0.24	0.13	0.65	4
	2015	0.21	0.04	0.16	0.26	4
	2016	0.09	0.00	0.09	0.09	4
	2017	0.14	0.07	0.08	0.23	4
	2018	0.08	0.06	0.03	0.16	4
	2019	0.04	0.02	0.02	0.06	4
	2020	0.07	0.05	0.02	0.13	4
	2021	0.08	0.02	0.06	0.10	4
	2022	0.05	0.04	0.02	0.10	4
PC4	2011	0.44	0.27	0.05	0.68	4
	2012	0.49	0.25	0.32	0.78	3
	2013	0.57	0.26	0.29	0.81	4
	2014	0.91	0.58	0.48	1.78	4
	2015	0.28	0.09	0.19	0.39	4
	2016	0.31	0.10	0.16	0.39	4
	2017	0.27	0.12	0.16	0.42	4
	2018	0.45	0.34	0.16	0.94	4
	2019	0.21	0.16	0.03	0.42	4
	2020	0.24	0.08	0.16	0.36	4
	2021	0.40	0.16	0.26	0.61	4
	2022	0.24	0.02	0.23	0.26	4
PNC1	2011	0.52	0.38	0.05	1.14	11

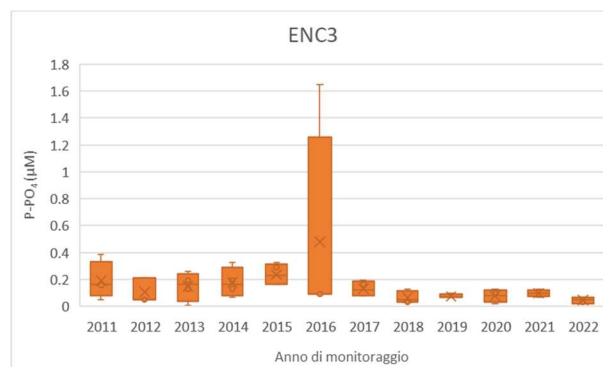
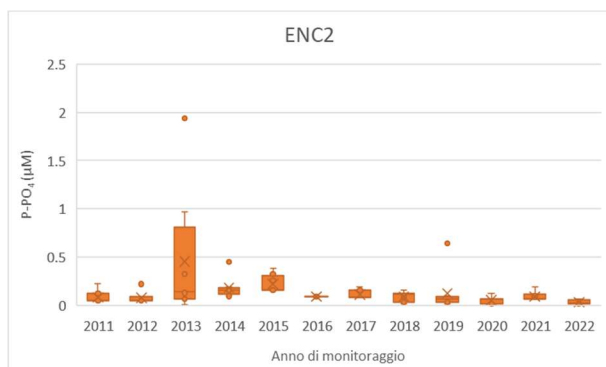
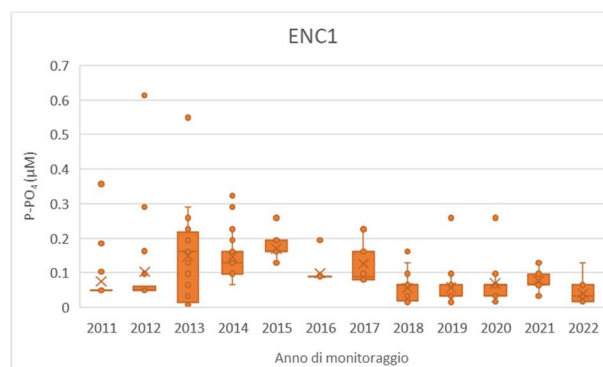
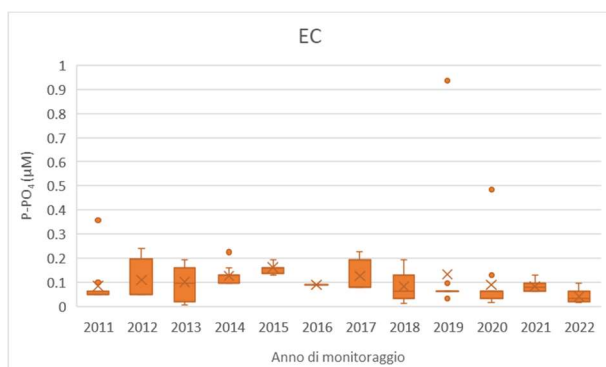
		P-PO₄ (μM)				
Corpo idrico	Anno	Media	Dev. Standard	Min	Max	N
	2012	0.81	0.59	0.16	1.66	9
	2013	1.17	1.74	0.06	6.46	12
	2014	0.47	0.34	0.13	1.23	12
	2015	0.39	0.39	0.16	1.58	12
	2016	0.22	0.10	0.09	0.42	12
	2017	0.22	0.18	0.08	0.74	12
	2018	1.03	2.51	0.06	8.98	12
	2019	0.32	0.30	0.03	0.94	12
	2020	0.19	0.17	0.03	0.58	12
	2021	0.17	0.13	0.03	0.45	12
	2022	0.22	0.22	0.02	0.61	12
PNC2	2011	0.18	0.18	0.05	0.58	10
	2012	0.35	0.35	0.05	1.19	9
	2013	0.47	0.70	0.01	2.58	12
	2014	0.38	0.50	0.10	1.87	12
	2015	0.25	0.13	0.16	0.58	12
	2016	0.15	0.09	0.09	0.32	12
	2017	0.14	0.08	0.08	0.32	12
	2018	0.11	0.10	0.02	0.39	12
	2019	0.11	0.13	0.02	0.52	12
	2020	0.09	0.09	0.03	0.36	12
	2021	0.12	0.11	0.02	0.36	12
	2022	0.08	0.07	0.02	0.23	12
VLCS	2011	0.25	0.07	0.15	0.32	4
	2012	0.72	0.45	0.21	1.07	3
	2013	0.26	0.28	0.01	0.65	4
	2014	0.12	0.03	0.10	0.16	4
	2015	0.20	0.02	0.19	0.23	4
	2016	0.12	0.05	0.09	0.19	4
	2017	0.13	0.06	0.08	0.19	4
	2018	0.05	0.04	0.02	0.10	4
	2019	0.09	0.02	0.06	0.10	4
	2020	0.03	0.03	0.02	0.06	3
	2021	0.08	0.04	0.03	0.13	4
	2022	0.15	0.10	0.06	0.26	4
VLN	2011	0.10	0.03	0.05	0.12	4
	2012	0.08	0.05	0.05	0.14	3
	2013	0.13	0.14	0.01	0.32	4
	2014	0.15	0.05	0.13	0.23	4
	2015	0.15	0.02	0.13	0.16	4
	2016	0.13	0.05	0.09	0.19	4
	2017	0.29	0.37	0.08	0.84	4

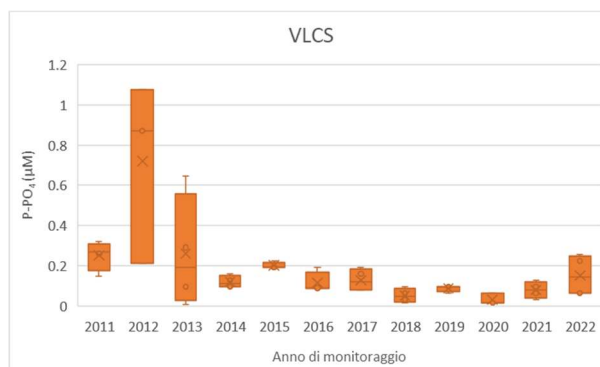
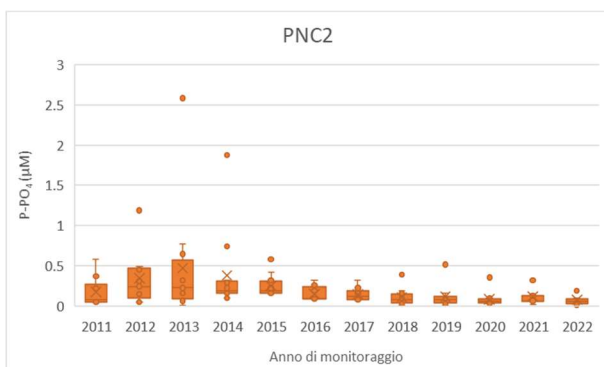
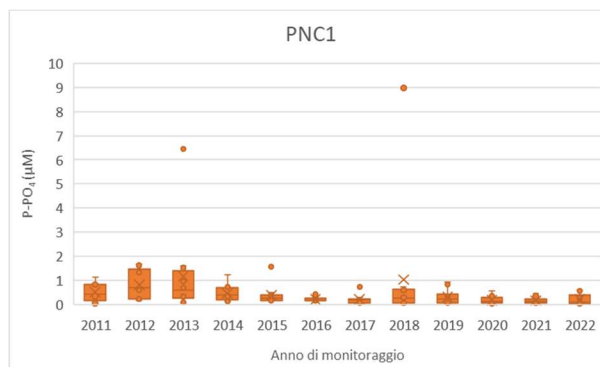
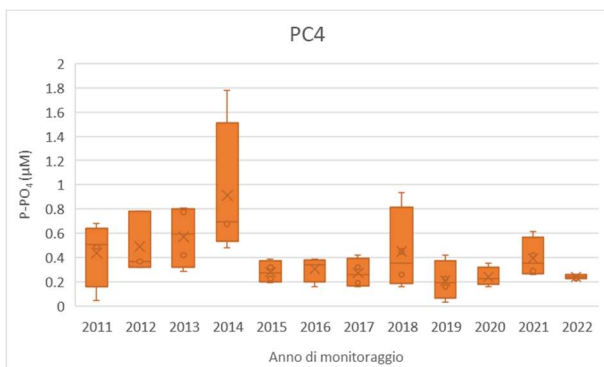
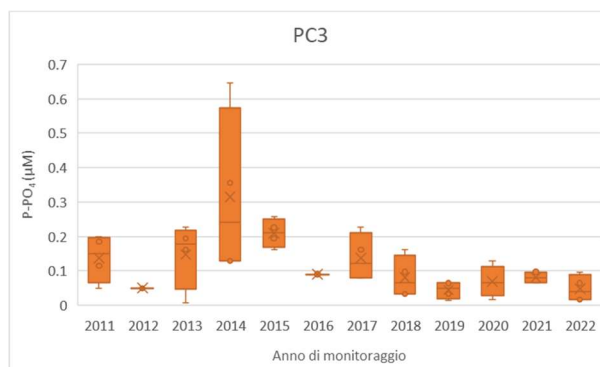
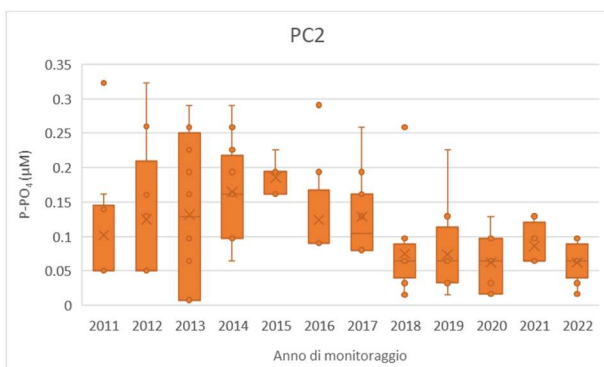
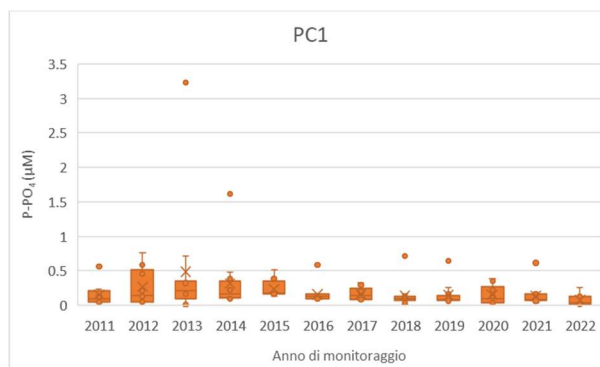
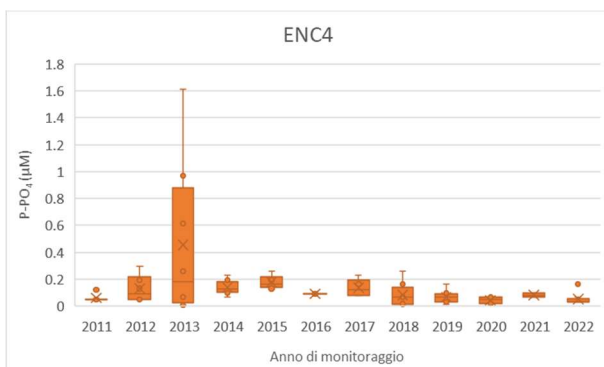
		P-PO₄ (µM)				
Corpo idrico	Anno	Media	Dev. Standard	Min	Max	N
	2018	0.06	0.06	0.03	0.16	4
	2019	0.07	0.03	0.03	0.10	4
	2020	0.08	0.06	0.03	0.16	4
	2021	0.10	0.07	0.03	0.19	4
	2022	0.04	0.02	0.02	0.06	4

Tabella 27. Statistiche descrittive del parametro P-PO₄ (µM) analizzato nei seguenti trienni di monitoraggio nei corpi idrici della Laguna di Venezia: 2011-2013, 2014-2016, 2017-2019 e 2020-2022.

		P-PO₄ (µM)				
Corpo idrico	Triennio	Media	Dev. Standard	Min	Max	N
EC	2011-2013	0.10	0.08	0.01	0.36	31
	2014-2016	0.13	0.04	0.09	0.23	36
	2017-2019	0.12	0.15	0.02	0.94	36
	2020-2022	0.07	0.08	0.02	0.48	36
ENC1	2011-2013	0.11	0.12	0.01	0.61	62
	2014-2016	0.14	0.05	0.06	0.32	72
	2017-2019	0.08	0.06	0.02	0.26	72
	2020-2022	0.06	0.04	0.02	0.26	72
ENC2	2011-2013	0.23	0.44	0.01	1.94	21
	2014-2016	0.17	0.10	0.09	0.45	24
	2017-2019	0.11	0.12	0.02	0.65	24
	2020-2022	0.06	0.04	0.02	0.19	24
ENC3	2011-2013	0.15	0.11	0.01	0.39	11
	2014-2016	0.30	0.43	0.06	1.65	12
	2017-2019	0.09	0.05	0.03	0.19	12
	2020-2022	0.07	0.04	0.02	0.13	12
ENC4	2011-2013	0.23	0.39	0.01	1.61	21
	2014-2016	0.13	0.05	0.06	0.26	24
	2017-2019	0.10	0.07	0.02	0.26	24
	2020-2022	0.06	0.03	0.02	0.16	24
PC1	2011-2013	0.32	0.58	0.01	3.23	31
	2014-2016	0.24	0.27	0.09	1.61	36
	2017-2019	0.15	0.15	0.02	0.71	36
	2020-2022	0.12	0.13	0.02	0.61	36
PC2	2011-2013	0.12	0.10	0.01	0.32	32
	2014-2016	0.16	0.06	0.06	0.29	36
	2017-2019	0.09	0.06	0.02	0.26	36
	2020-2022	0.07	0.03	0.02	0.13	36
PC3	2011-2013	0.12	0.08	0.01	0.23	11
	2014-2016	0.20	0.16	0.09	0.65	12
	2017-2019	0.09	0.06	0.02	0.23	12
	2020-2022	0.07	0.04	0.02	0.13	12
PC4	2011-2013	0.50	0.24	0.05	0.81	11

Corpo idrico	Triennio	P-PO ₄ (μM)				
		Media	Dev. Standard	Min	Max	N
	2014-2016	0.50	0.44	0.16	1.78	12
	2017-2019	0.31	0.23	0.03	0.94	12
	2020-2022	0.29	0.12	0.16	0.61	12
PNC1	2011-2013	0.85	1.14	0.05	6.46	32
	2014-2016	0.36	0.31	0.09	1.58	36
	2017-2019	0.52	1.47	0.03	8.98	36
	2020-2022	0.19	0.17	0.02	0.61	36
PNC2	2011-2013	0.34	0.49	0.01	2.58	31
	2014-2016	0.26	0.31	0.09	1.87	36
	2017-2019	0.12	0.11	0.02	0.52	36
	2020-2022	0.09	0.09	0.02	0.36	36
VLCS	2011-2013	0.38	0.34	0.01	1.07	11
	2014-2016	0.15	0.05	0.09	0.23	12
	2017-2019	0.09	0.05	0.02	0.19	12
	2020-2022	0.09	0.08	0.02	0.26	11
VLN	2011-2013	0.11	0.08	0.01	0.32	11
	2014-2016	0.15	0.04	0.09	0.23	12
	2017-2019	0.14	0.22	0.03	0.84	12
	2020-2022	0.07	0.05	0.02	0.19	12





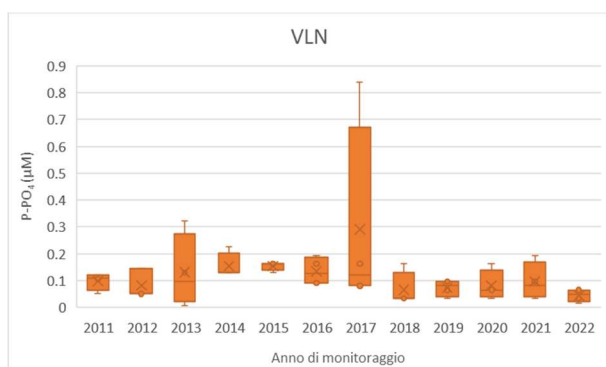


Figura 12. Box Plot del parametro P-PO₄ monitorato tutti gli anni tra il 2011 e il 2022 nei corpi idrici della Laguna di Venezia.

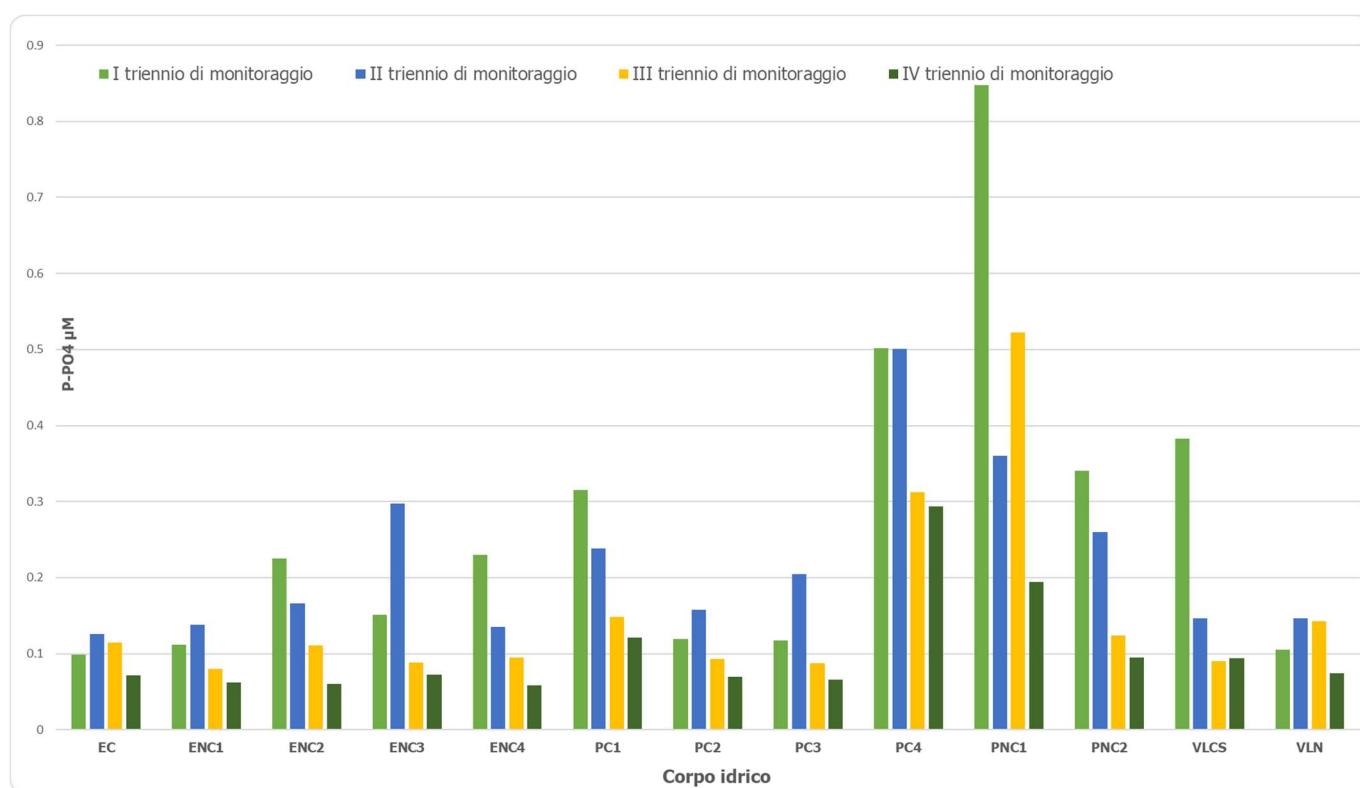


Figura 13. Valori medi di P-PO₄ risultati nei corpi idrici della Laguna di Venezia e raggruppati per triennio di monitoraggio.

2.5.7.2 Azoto Inorganico Disciolto

In Tabella sono riportate le statistiche descrittive dei dati di DIN ottenuti dal 2011 al 2022 nei corpi idrici della Laguna di Venezia. In Figura 14 sono riportati, per ciascuno dei corpi idrici, i box plot dei suddetti risultati; data la variabilità nei valori di DIN nei diversi corpi idrici, si è scelto di mostrare i grafici per ogni CI con scale dei valori dell'asse y differenziate, in modo da poter apprezzare al meglio gli andamenti nel tempo. I confronti statistici hanno evidenziato differenze significative solamente all'interno dei CI EC e ENC1, ma non ci sono risultanze nei successivi confronti multipli.

Rispetto al primo anno di monitoraggio in cui solo il corpo idrico PC4 superava il limite di classe B/S, negli anni successivi i corpi idrici che non hanno rispettato il limite imposto dal D.M. 260/2010 sono stati: 11 nel 2012, 10 nel 2013, 5 nel 2014, 1 nel 2015 e 2016, nessuno nel 2017, 2 nel 2018, 6 nel 2019, 1 nel 2020 e nel 2021, nessuno nel 2022.

In Tabella e Figura 15 sono riportate le statistiche descrittive e i grafici delle medie dei valori raggruppati per triennio di monitoraggio. Il confronto statistico è risultato significativo tra i cicli di monitoraggio 2011-2013, 2014-2016 e 2020-2022 per i corpi idrici EC e ENC1, con valori sempre più alti nel primo rispetto agli altri due trienni; in ENC2 invece, il triennio 2011-2013 risulta statisticamente maggiore rispetto al 2020-2022. Per tutti gli altri confronti e CI non sono emerse differenze statisticamente significative.

Per quanto riguarda i superamenti del limite di classe B/S, se si considerano gli anni di monitoraggio raggruppati per triennio, i corpi idrici che non rispettano tale limite sono PC4 per tutti e quattro i cicli, PC3 per i trienni 2011-2013 e 2014-2016, ENC2, ENC3, PC1, PNC2 e VLN solo per il primo ciclo. Nei trienni 2011-2013 e 2020-2022 per il corpo idrico PC4 il superamento è maggiore al 50% del limite B/S, mentre per il PC3 il superamento nel 2011-2013 è maggiore al 75% del limite di classe B/S.

Tabella 32. Statistiche descrittive del parametro DIN (μM) analizzato nei diversi anni di monitoraggio (dal 2011 al 2022). In grassetto sono evidenziati i superamenti dei limiti di classe B/S (18 μM per CI con salinità <30 ; 30 μM per CI con salinità >30)

Corpo idrico	Anno	DIN (μM)				
		Media	Dev. Standard	Min	Max	N
EC	2011	11	4	4	16	10
	2012	22	24	1	61	9
	2013	14	10	1	38	12
	2014	11	9	1	29	12
	2015	5	5	1	14	12
	2016	5	4	1	13	12
	2017	7	8	1	22	12
	2018	9	10	1	28	12
	2019	11	10	1	37	12
	2020	4	3	1	12	12
	2021	9	4	1	14	12
	2022	6	9	0	30	12
ENC1	2011	10	7	1	23	20
	2012	19	14	1	43	18
	2013	18	28	0	106	24
	2014	9	14	0	62	24
	2015	10	10	0	37	24
	2016	7	10	1	38	24
	2017	7	9	1	27	24
	2018	8	8	1	29	24
	2019	11	9	1	32	24
	2020	5	3	1	12	24

		DIN (μM)				
Corpo idrico	Anno	Media	Dev. Standard	Min	Max	N
	2021	9	6	0	23	24
	2022	5	5	0	17	24
ENC2	2011	17	9	5	29	7
	2012	17	15	1	38	6
	2013	20	14	4	40	8
	2014	13	9	4	28	8
	2015	9	8	1	21	8
	2016	10	9	0	21	8
	2017	7	9	1	25	8
	2018	8	7	0	18	8
	2019	18	16	3	50	8
	2020	8	6	2	20	8
	2021	11	9	1	30	8
	2022	6	5	0	12	8
ENC3	2011	11	9	2	23	4
	2012	31	40	2	77	3
	2013	38	70	0	143	4
	2014	25	40	2	85	4
	2015	16	20	1	45	4
	2016	6	6	2	16	4
	2017	9	13	2	29	4
	2018	8	7	3	18	4
	2019	16	15	3	38	4
	2020	5	3	2	8	4
	2021	10	5	4	16	4
	2022	5	6	1	14	4
ENC4	2011	15	5	7	21	7
	2012	18	16	0	42	6
	2013	14	9	1	25	8
	2014	8	7	1	21	8
	2015	11	11	1	30	8
	2016	9	8	1	22	8
	2017	9	13	1	32	8
	2018	10	10	2	29	8
	2019	18	14	5	41	8
	2020	5	4	1	10	8
	2021	11	7	0	19	8
	2022	6	5	0	15	8
PC1	2011	24	25	3	92	10
	2012	46	52	4	169	9
	2013	52	52	5	156	12
	2014	39	35	2	126	12
	2015	21	26	1	88	12

		DIN (μM)				
Corpo idrico	Anno	Media	Dev. Standard	Min	Max	N
	2016	20	27	3	100	12
	2017	16	17	2	58	12
	2018	23	28	2	98	12
	2019	35	27	2	87	12
	2020	15	14	1	45	12
	2021	22	16	4	54	12
	2022	16	11	1	34	12
PC2	2011	13	9	3	27	11
	2012	34	22	2	69	9
	2013	42	62	0	183	12
	2014	13	18	0	50	12
	2015	17	18	1	58	12
	2016	16	21	1	55	12
	2017	11	12	1	37	12
	2018	16	16	3	45	12
	2019	22	17	1	49	12
	2020	13	14	1	41	12
	2021	19	11	2	39	12
	2022	10	7	1	21	12
PC3	2011	17	13	5	32	4
	2012	63	89	3	165	3
	2013	127	241	5	488	4
	2014	56	86	4	185	4
	2015	27	36	2	79	4
	2016	14	18	4	42	4
	2017	21	36	3	75	4
	2018	18	17	2	38	4
	2019	29	18	12	53	4
	2020	6	5	1	11	4
	2021	19	20	5	49	4
	2022	26	48	1	98	4
PC4	2011	50	37	23	101	4
	2012	40	44	2	89	3
	2013	46	29	4	69	4
	2014	58	52	19	135	4
	2015	30	28	13	73	4
	2016	36	37	6	91	4
	2017	26	21	4	53	4
	2018	34	21	8	59	4
	2019	44	21	20	64	4
	2020	36	32	14	84	4
	2021	75	28	50	106	4
	2022	29	18	2	42	4

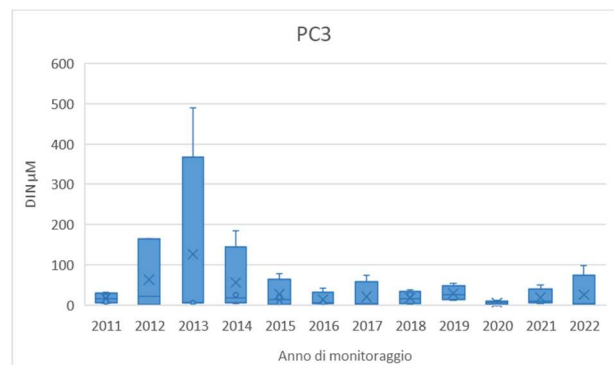
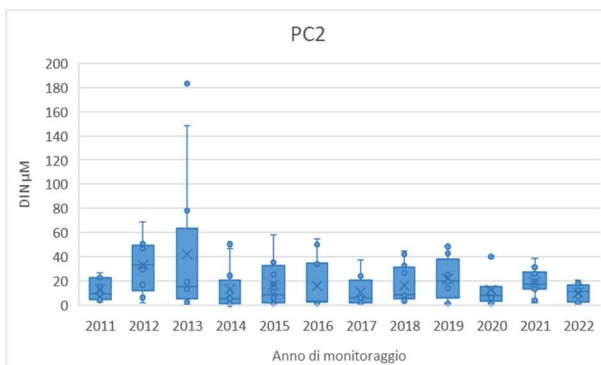
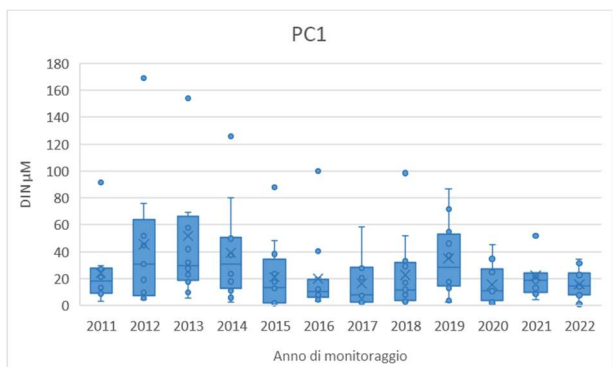
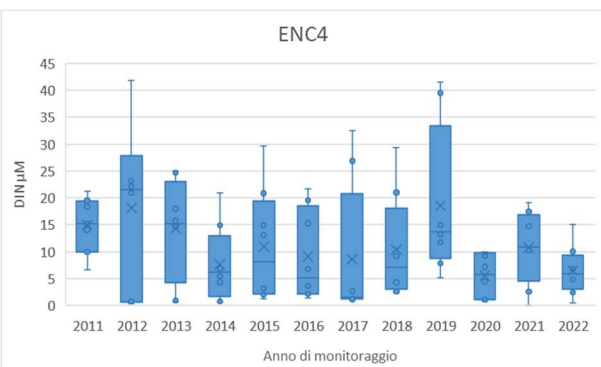
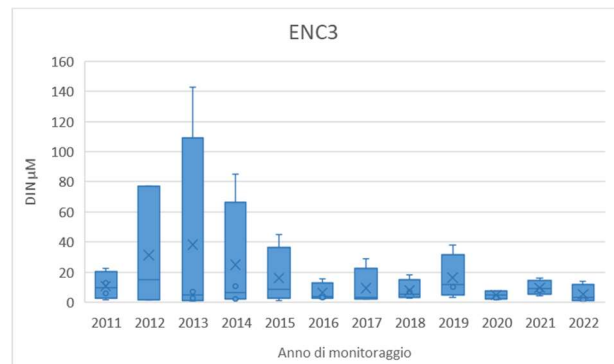
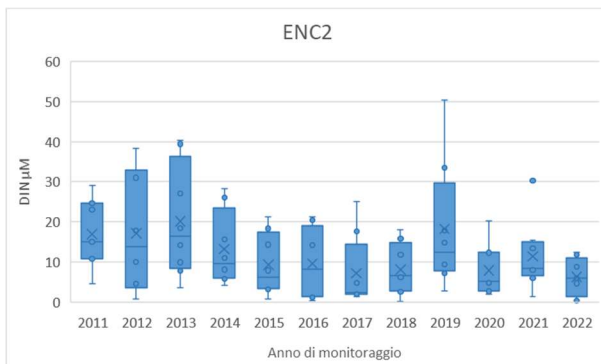
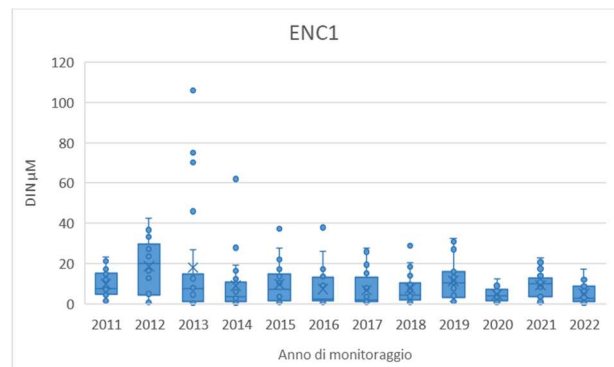
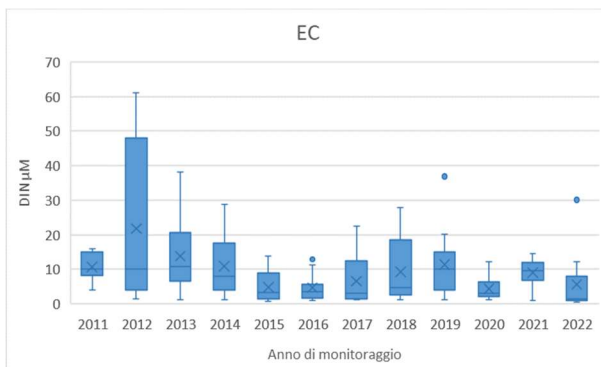
Corpo idrico	Anno	DIN (μM)				
		Media	Dev. Standard	Min	Max	N
PNC1	2011	20	16	2	45	11
	2012	32	29	3	77	9
	2013	33	30	5	114	12
	2014	25	15	5	50	12
	2015	17	15	1	39	12
	2016	21	21	1	56	12
	2017	12	16	1	41	12
	2018	20	18	1	52	12
	2019	35	20	16	80	12
	2020	11	9	1	29	12
	2021	20	12	2	34	12
	2022	12	8	1	24	12
PNC2	2011	18	10	3	38	10
	2012	35	43	1	127	9
	2013	52	51	3	142	12
	2014	40	43	9	127	12
	2015	22	29	1	106	12
	2016	18	23	2	65	12
	2017	14	21	1	72	12
	2018	21	23	0	68	12
	2019	34	25	11	100	12
	2020	13	11	1	42	12
	2021	21	16	4	62	12
	2022	12	10	0	34	12
VLCS	2011	15	14	1	34	4
	2012	17	21	1	41	3
	2013	14	8	7	24	4
	2014	9	11	0	25	4
	2015	13	13	1	24	4
	2016	11	16	1	36	4
	2017	4	4	1	10	4
	2018	13	21	1	44	4
	2019	18	11	2	28	4
	2020	2	1	1	3	3
	2021	5	6	0	14	4
	2022	12	21	1	43	4
VLN	2011	12	6	5	19	4
	2012	29	22	4	45	3
	2013	20	14	11	40	4
	2014	16	12	1	31	4
	2015	8	4	3	12	4
	2016	8	3	5	11	4
	2017	5	3	2	8	4

		DIN (μM)				
Corpo idrico	Anno	Media	Dev. Standard	Min	Max	N
	2018	20	16	4	36	4
	2019	13	9	4	26	4
	2020	12	12	5	29	4
	2021	13	6	6	18	4
	2022	19	16	1	37	4

Tabella 28. Statistiche descrittive del parametro DIN (μM) analizzato nei seguenti trienni di monitoraggio nei corpi idrici della Laguna di Venezia: 2011-2013, 2014-2016, 2017-2019 e 2020-2022.

		DIN (μM)				
Corpo idrico	Triennio	Media	Dev. Standard	Min	Max	N
EC	2011-2013	15	15	1	61	31
	2014-2016	7	7	1	29	36
	2017-2019	9	9	1	37	36
	2020-2022	6	6	0	30	36
ENC1	2011-2013	16	19	0	106	62
	2014-2016	9	11	0	62	72
	2017-2019	9	9	1	32	72
	2020-2022	6	5	0	23	72
ENC2	2011-2013	18	12	1	40	21
	2014-2016	11	8	0	28	24
	2017-2019	11	12	0	50	24
	2020-2022	9	7	0	30	24
ENC3	2011-2013	26	44	0	143	11
	2014-2016	16	25	1	85	12
	2017-2019	11	12	2	38	12
	2020-2022	7	5	1	16	12
ENC4	2011-2013	16	10	0	42	21
	2014-2016	9	8	1	30	24
	2017-2019	12	13	1	41	24
	2020-2022	8	6	0	19	24
PC1	2011-2013	41	45	3	169	31
	2014-2016	27	30	1	126	36
	2017-2019	25	25	2	98	36
	2020-2022	18	14	1	54	36
PC2	2011-2013	30	41	0	183	32
	2014-2016	15	19	0	58	36
	2017-2019	16	15	1	49	36
	2020-2022	14	11	1	41	36
PC3	2011-2013	69	147	3	488	11
	2014-2016	33	53	2	185	12
	2017-2019	23	23	2	75	12
	2020-2022	17	28	1	98	12
PC4	2011-2013	46	33	2	101	11
	2014-2016	42	39	6	135	12
	2017-2019	34	20	4	64	12

		DIN (μM)				
Corpo idrico	Triennio	Media	Dev. Standard	Min	Max	N
PNC1	2020-2022	47	32	2	106	12
	2011-2013	28	25	2	114	32
	2014-2016	21	17	1	56	36
	2017-2019	22	20	1	80	36
PNC2	2020-2022	14	10	1	34	36
	2011-2013	36	41	1	142	31
	2014-2016	27	33	1	127	36
	2017-2019	23	24	0	100	36
VLCS	2020-2022	15	13	0	62	36
	2011-2013	15	13	1	41	11
	2014-2016	11	12	0	36	12
	2017-2019	12	14	1	44	12
VLN	2020-2022	7	13	0	43	11
	2011-2013	20	15	4	45	11
	2014-2016	11	8	1	31	12
	2017-2019	13	12	2	36	12
	2020-2022	14	11	1	37	12



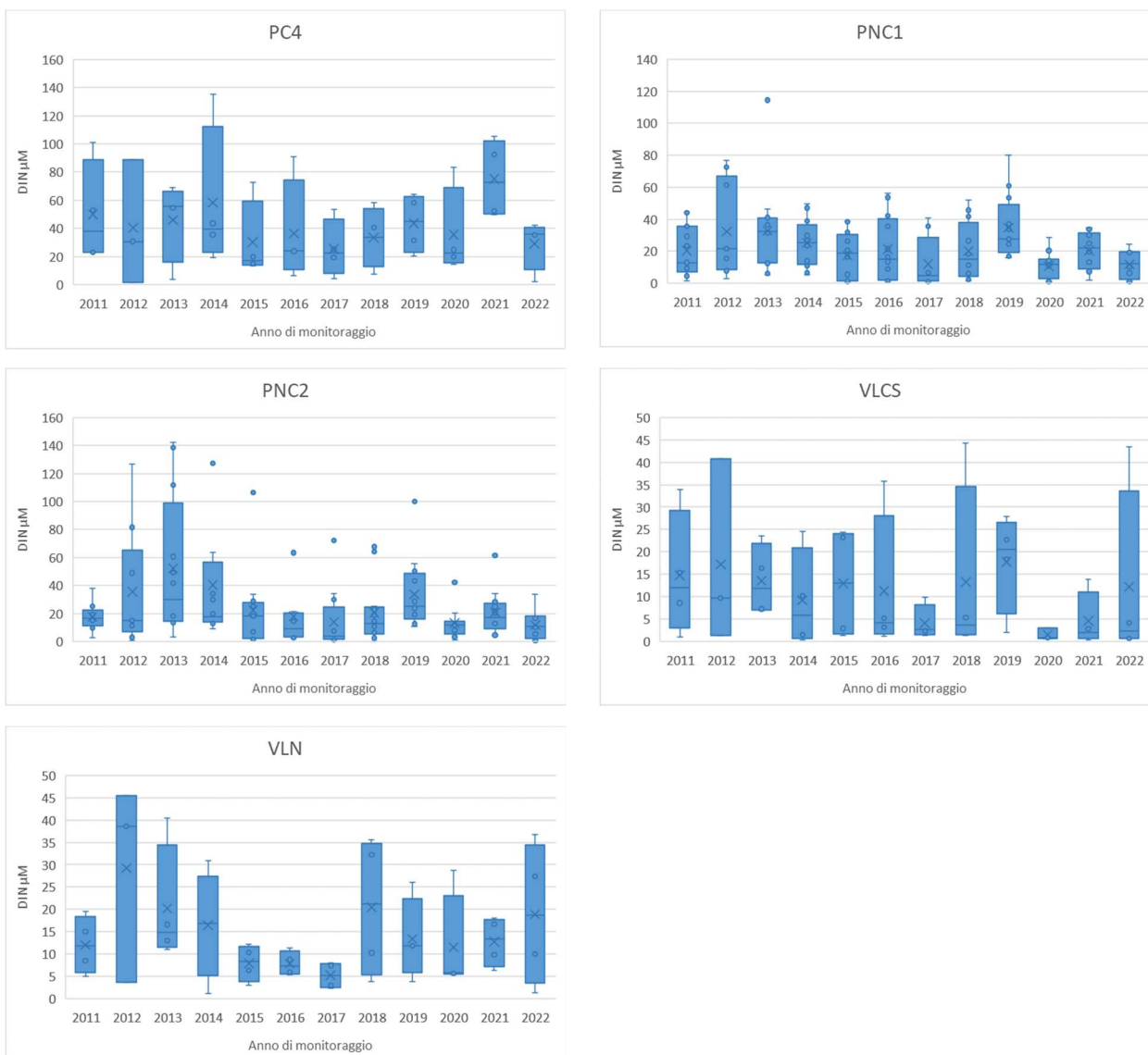


Figura 14. Box Plot del parametro DIN monitorato in tutti gli anni di monitoraggio dal 2011 al 2022 nei corpi idrici della Laguna di Venezia.

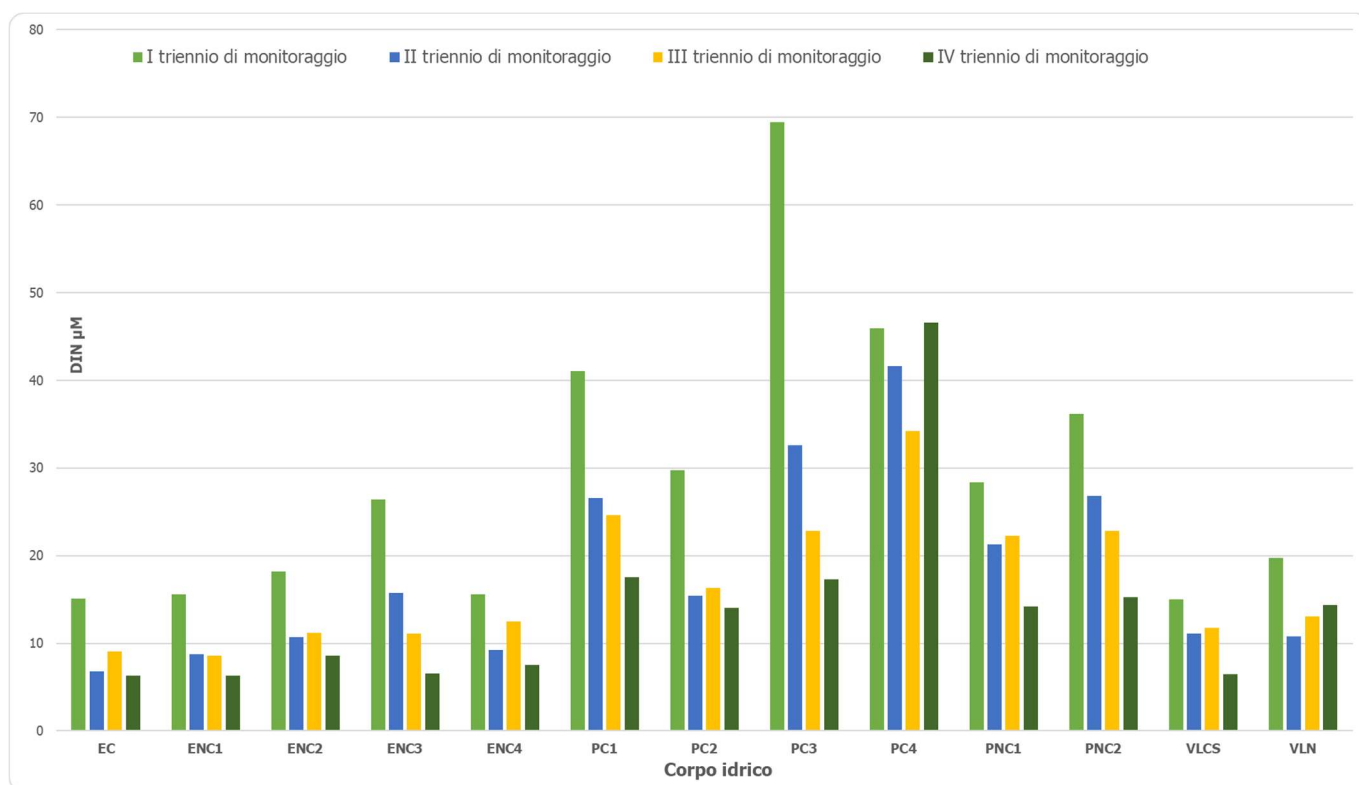


Figura 15. Valori medi di DIN risultati nei corpi idrici della Laguna di Venezia e raggruppati per triennio di monitoraggio.

3 PRIMA IDENTIFICAZIONE DELLO STATO ECOLOGICO AI SENSI DEL D.M. 260/2010

3.1 Elementi di Qualità Biologica

Come riportato nel documento di pianificazione del triennio 2020-2022 (Piano di Monitoraggio, 2020), sulla base dell'individuazione delle pressioni insistenti per ciascuno dei corpi idrici della laguna, sono stati selezionati gli EQB più sensibili (Tabella 29).

Tabella 294. Elenco delle pressioni e relativi elementi di qualità biologica sensibili da monitorare in ciascun corpo idrico della laguna di Venezia (tratto da Piano di Monitoraggio, 2016).

TIPO	CODICE Corpo idrico	PRESSIONI	ELEMENTI DI QUALITÀ BIOLOGICA SENSIBILI
polialino confinato	PC1	arricchimento di nutrienti, carico organico	macroalghe, invertebrati bentonici
	PC2	arricchimento di nutrienti, carico organico, sostanze prioritarie e inquinanti specifici, ridotto idrodinamismo	macroalghe, invertebrati bentonici
	PC3	arricchimento di nutrienti, carico organico, alterazione dei flussi	macroalghe, invertebrati bentonici
	PC4	sostanze prioritarie e inquinanti specifici arricchimento di nutrienti, carico organico	macroalghe, invertebrati bentonici
eualino confinato	EC	arricchimento di nutrienti, carico organico, erosione del substrato	macroalghe, invertebrati bentonici
eualino non confinato	ENC1	erosione del substrato, venericoltura, sostanze prioritarie e inquinanti specifici	invertebrati bentonici, fanerogame marine
	ENC2	sostanze prioritarie e inquinanti specifici, arricchimento di nutrienti e carico organico, erosione del substrato	macroalghe, fanerogame marine, invertebrati bentonici
	ENC3	arricchimento di nutrienti e carico organico, sostanze prioritarie e inquinanti specifici	macroalghe, invertebrati bentonici
	ENC4	arricchimento di nutrienti e carico organico, sostanze prioritarie e inquinanti specifici	macroalghe, invertebrati bentonici
polialino non confinato	PNC1	sostanze prioritarie e inquinanti specifici, erosione del substrato, arricchimento in nutrienti	macroalghe, invertebrati bentonici
	PNC2	sostanze prioritarie e inquinanti specifici, arricchimento nutrienti	macroalghe, invertebrati bentonici
Corpi idrici fortemente modificati	VLN	Ridotto idrodinamismo, eutrofizzazione, arricchimento di nutrienti e carico organico	macroalghe, invertebrati bentonici
	VLCS	Ridotto idrodinamismo, eutrofizzazione arricchimento di nutrienti e carico organico	macroalghe, invertebrati bentonici

In Tabella sono riassunte le classificazioni dei Corpi Idrici della laguna di Venezia risultate dal monitoraggio di tali EQB effettuato nel 2021 e 2022. Nell'ultima colonna della tabella è riportata la classificazione dei Corpi Idrici lagunari derivante dall'applicazione del metodo previsto dal D.M. 260/2010, in recepimento alla Direttiva 2000/60/CE, ovvero di classificare con la classe più bassa risultante dai dati di monitoraggio degli EQB. In Figura 16 è rappresentata la mappa dei Corpi Idrici risultante da tale procedura.

Tabella 30. Classificazione dei Corpi Idrici della laguna (esclusi quelli fortemente modificati) secondo gli indici (MaQI e M-AMBI) dei singoli EQB (macrofite e macroinvertebrati bentonici) e come risultato complessivo derivante dall'applicazione del D.M. 260/2010. Le classi di qualità sono espresse tramite i colori convenzionali (blu: ELEVATO; verde: BUONO; giallo: SUFFICIENTE; arancio: SCARSO; rosso: CATTIVO).

CI	Macroinvertebrati bentonici M-AMBI	Macrofite MaQI	Giudizio peggiore derivante dagli Elementi Biologici
EC	Scarso	Elevato	Scarso
ENC1	Sufficiente	Elevato	Sufficiente
ENC2	Scarso	Buono	Scarso
ENC3	Sufficiente	Buono	Sufficiente
ENC4	Scarso	Buono	Scarso
PC1	Sufficiente	Sufficiente	Sufficiente
PC2	Sufficiente	Buono	Sufficiente
PC3	Sufficiente	Sufficiente	Sufficiente
PC4	Scarso	Scarso	Scarso
PNC1	Sufficiente	Scarso	Scarso
PNC2	Sufficiente	Sufficiente	Sufficiente

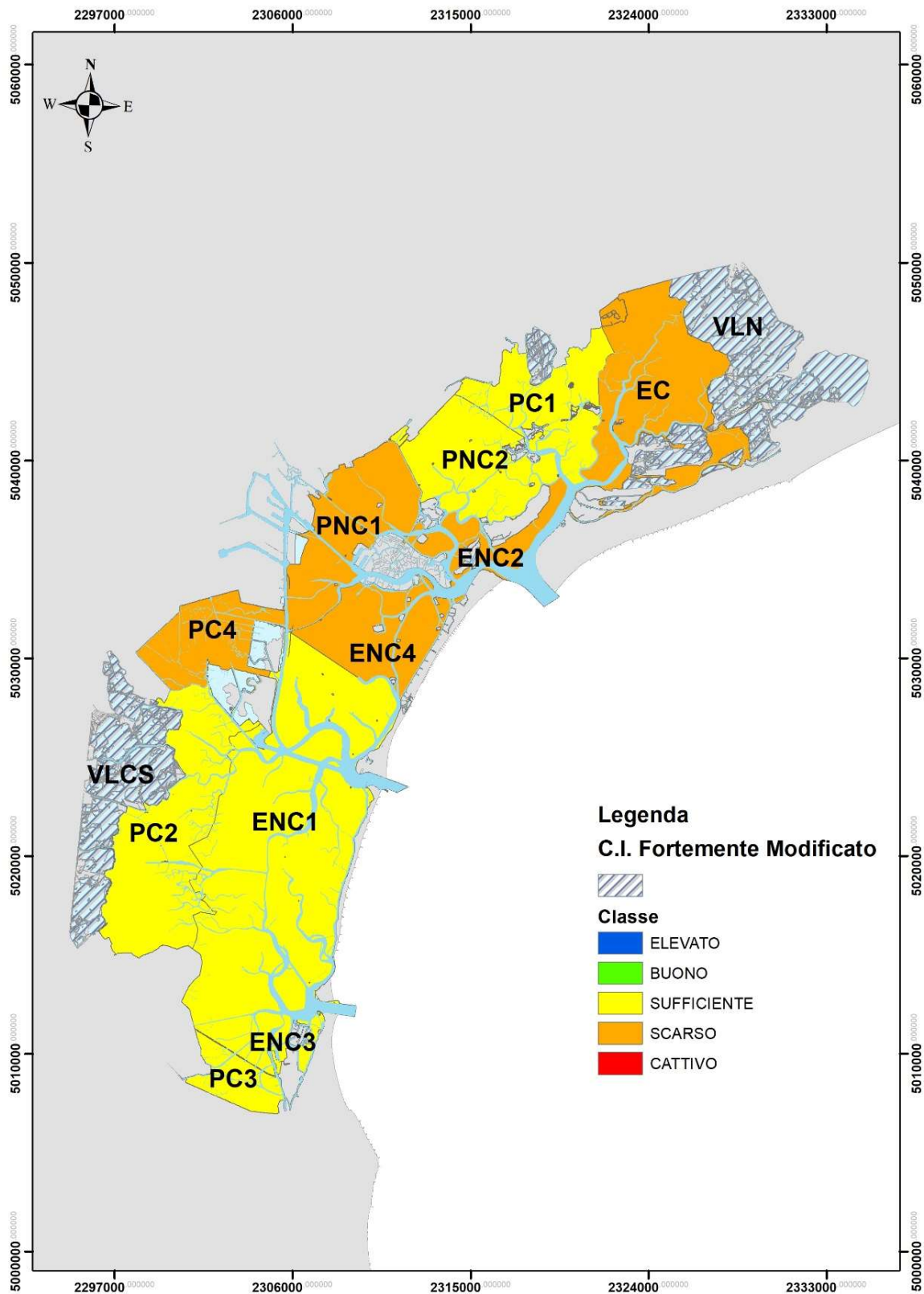


Figura 16. Classificazione dello stato ecologico dei corpi idrici della laguna di Venezia risultata dal giudizio peggiore derivante dagli EQB Macroalghe, Fanerogame e Macroinvertebrati bentonici.

3.2 FASE I: Integrazione tra elementi di qualità biologica ed elementi di qualità fisico-chimica a supporto

I risultati delle analisi dei nutrienti e delle condizioni di ossigenazione ricercati nelle acque dei corpi idrici della Laguna di Venezia, necessari all'applicazione della FASE I prevista dal D.M. 260/2010 per la classificazione ecologica ai sensi della Direttiva 2000/60/CE, si riferiscono ai monitoraggi del 2020, 2021 e 2022.

I risultati del triennio hanno evidenziato un unico superamento per l'Azoto inorganico disciolto (DIN) e nessuno per il Fosforo reattivo (P-PO₄). Il CI che ha superato il limite di classe B/S per il DIN è stato il PC4 (media del triennio = 47 µM). Considerando i singoli anni di monitoraggio, i superamenti, anche in questo caso verificatisi solo nel CI PC4, sono stati di 36 µM nel 2020 e 75 µM nel 2021. Nel 2022 nessun CI ha superato il limite B/S per il DIN.

In base a quanto definisce la normativa nazionale, gli elementi chimico fisici a supporto entrano in gioco quando il giudizio peggiore tra gli EQB determina per i corpi idrici uno stato almeno Buono. Qualora, infatti, gli elementi di qualità biologica monitorati consentano di classificare le acque di transizione in stato Buono o Elevato, ma, per uno o entrambi i nutrienti, siano superati i limiti di classe riportati in Tab. 4.4.2/a del D.M. 260/2010, e comunque di un incremento non superiore al 75% del limite di classe riportato nella suddetta tabella, le autorità competenti possono non declassare automaticamente a Sufficiente il corpo idrico, purché attivino un approfondimento dell'attività conoscitiva, un'analisi delle pressioni e degli impatti ed il contestuale avvio di un monitoraggio di indagine basato su:

- a) la verifica dello stato degli elementi di qualità biologica rappresentativi dello stato trofico del corpo idrico (macroalghe, angiosperme e fitoplancton);
- b) il controllo dei nutrienti con frequenza mensile.

Per quanto riguarda le condizioni di ossigenazione, come già verificatosi per alcuni anni precedenti a questo ciclo, per il triennio 2020-2022 i dati trasmessi dal Provveditorato per le Opere Pubbliche non sono tali da permettere la valutazione ai sensi del D.M. 260/2010 delle condizioni di ossigenazione di tutti i corpi idrici della laguna di Venezia, a causa di malfunzionamenti delle sonde e del mancato monitoraggio dei parametri AVS e LFe per l'intero triennio.

In base a quanto riportato nel D.M. 260/2010, per quanto riguarda le condizioni di ossigenazione dei corpi idrici, qualora gli elementi di qualità biologica, controllati nel monitoraggio operativo, consentano di classificare le acque di transizione in stato Buono o Elevato, ma si verifichino condizioni di anossia per 1 o più giorni all'interno di un anno. il corpo idrico viene automaticamente classificato in stato ecologico Sufficiente. In caso di condizioni anossia di durata inferiore ad un giorno, ma ripetute per più giorni consecutivi (e/o condizioni di ipossia per più di 1 giorno) si debba effettuare per i due anni successivi e consecutivi al campionamento, la verifica dello stato dei macroinvertebrati bentonici quali elementi di qualità biologica indicativi delle condizioni di ossigenazione delle acque di fondo, al fine di verificare un ritardo nella risposta biologica. In assenza di impatti sulla comunità

biologica per due anni consecutivi, il corpo idrico può essere classificato in Buono stato ecologico (anche nel caso gli EQB siano in stato Elevato), in caso contrario si classifica come Sufficiente. Alla fine del monitoraggio operativo (tre anni) si classifica sulla base del valore peggiore nei tre anni. Nel caso in cui le misure di risanamento ed intervento siano già in atto, allora si utilizzano solo i dati dell'ultimo anno.

In base agli indici applicati agli Elementi di Qualità Biologica nessun CI è risultato in stato Buono.

3.2.1 Confronti tra Cicli di Monitoraggio

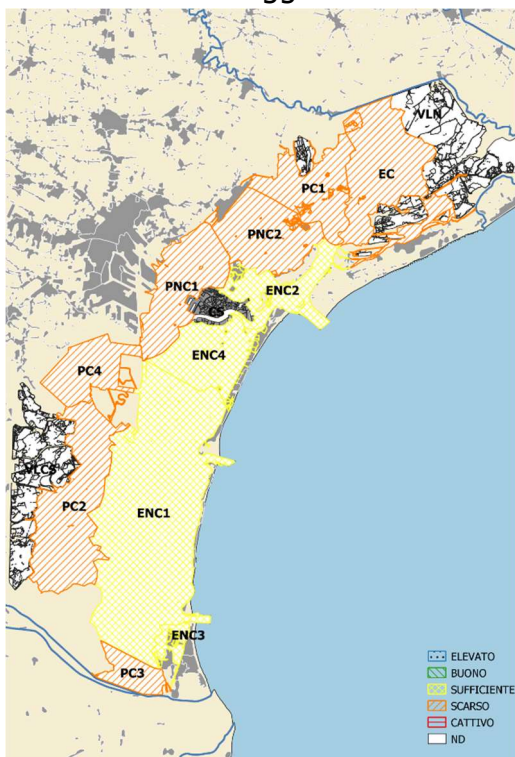
In Tabella e Figura 17 sono riportate le classificazioni dei corpi idrici della Laguna di Venezia derivanti dalla FASE I prevista dal D.M. 260/2010 eseguite nei seguenti cicli di monitoraggio operativo: 2011-2013, 2014-2016, 2017-2019 e 2020-2022. Sia nel ciclo 2011-2013 che in quello 2014-2016, i corpi idrici in stato Sufficiente erano quattro, nel ciclo 2017-2019 erano cinque, mentre nel triennio 2020-2022 sono diventati sei. Nei cicli 2011-2013 e 2014-2016 sono sette i CI in stato Scarso, nei trienni 2017-2019 e 2020-2022 cinque. L'unico CI risultato buono è stato ENC2 nel triennio 2017-2019. Le differenze tra il ciclo 2011-2013 e il ciclo 2014-2016 sono state che il corpo idrico EC da Scarso è passato a Sufficiente, mantenendo la classificazione anche nel triennio successivo 2017-2019. Il corpo idrico ENC4 da Sufficiente è invece passato allo stato Scarso. Nel ciclo 2017-2019, questo stesso corpo idrico è tornato a Sufficiente, così come è migliorato lo stato ecologico del CI PC1 che da Scarso è diventato Sufficiente. Nell'ultimo ciclo 2020-2022 la classificazione è peggiorata per i CI EC, ENC4 ed ENC2, quest'ultimo di due classi. Per tutti gli altri si è confermata la classificazione del triennio precedente, fatta eccezione per i CI PC2, PC3 e PNC2 in cui c'è stato un miglioramento di una classe (da scarso a sufficiente).

Tabella 31. Esiti della FASE I di classificazione dei corpi idrici della Laguna di Venezia per i cicli di monitoraggio operativo: 2011-2013, 2014-2016, 2017-2019 e 2020-2022 (blu: ELEVATO; verde: BUONO; giallo: SUFFICIENTE; arancione: SCARSO; rosso: CATTIVO).

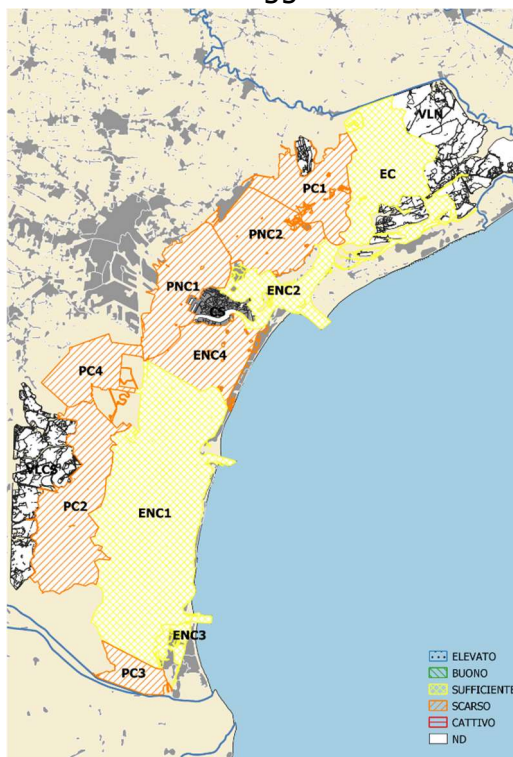
CI	CLASSIFICAZIONE FASE I Ciclo di monitoraggio operativo 2011-2013	CLASSIFICAZIONE FASE I Ciclo di monitoraggio operativo 2014-2016	CLASSIFICAZIONE FASE I Ciclo di monitoraggio operativo 2017-2019	CLASSIFICAZIONE FASE I Ciclo di monitoraggio operativo 2020-2022
EC	Scarso	Sufficiente	Sufficiente	Scarso
ENC1	Sufficiente	Sufficiente	Sufficiente	Sufficiente
ENC2	Sufficiente	Sufficiente	Buono	Scarso
ENC3	Sufficiente	Sufficiente	Sufficiente	Sufficiente
ENC4	Sufficiente	Scarso	Sufficiente	Scarso
PC1	Scarso	Scarso	Sufficiente	Sufficiente
PC2	Scarso	Scarso	Scarso	Sufficiente
PC3	Scarso	Scarso	Scarso	Sufficiente
PC4	Scarso	Scarso	Scarso	Scarso
PNC1	Scarso	Scarso	Scarso	Scarso

PNC2	Scarso	Scarso	Scarso	Sufficiente
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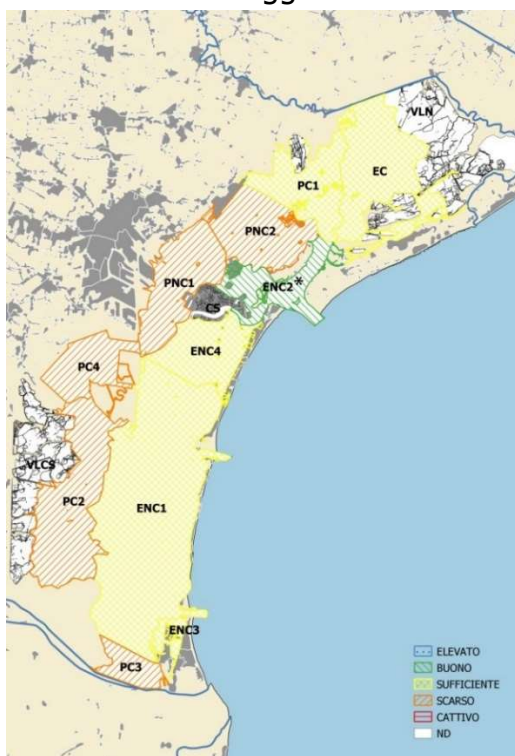
Ciclo di monitoraggio 2010-2013



Ciclo di monitoraggio 2014-2016



Ciclo di monitoraggio 2017-2019



Ciclo di monitoraggio 2020-2022

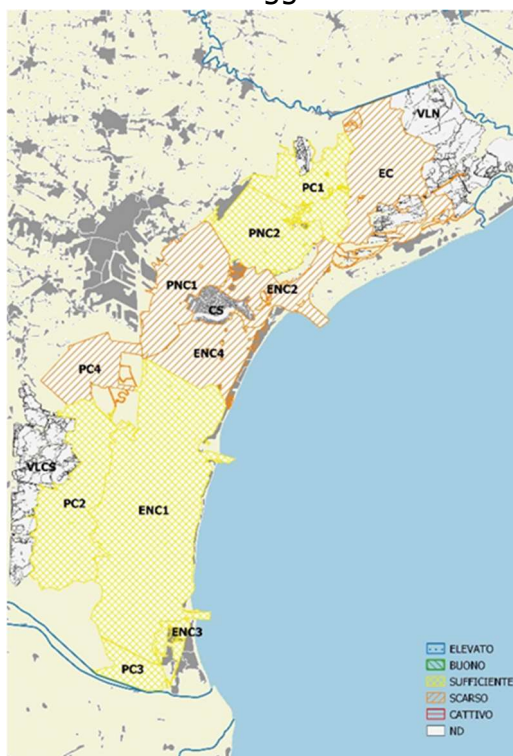


Figura 17. Mappe degli esisti della FASE I di classificazione dei corpi idrici della Laguna di Venezia per i cicli di monitoraggio operativo: 2011-2013, 2014-2016, 2017-2019 e 2020-2022 (verde: BUONO; giallo: SUFFICIENTE; arancione: SCARSO).

4 MONITORAGGIO ADDIZIONALE

Allo scopo di disporre di un'informazione più completa, nel Piano di Monitoraggio 2010-2012, era stato individuato un sottoinsieme di stazioni sulle quali monitorare tutti gli elementi di qualità biologica, anche quelli non presi in considerazione dal monitoraggio operativo (fitoplancton e fauna ittica). Durante il primo triennio, l'EQB macroinvertebrati bentonici è stato inoltre monitorato anche nel periodo autunnale sul suddetto sottoinsieme di stazioni in aggiunta a quello primaverile previsto dal monitoraggio operativo. I corpi idrici della laguna, infatti, sono frequentemente interessati dalla presenza di pressioni multiple, di cui può essere difficile definire la rilevanza relativa o assoluta e rispetto alle quali gli elementi di qualità più sensibili possono essere diversi. Limitando il monitoraggio ai soli elementi di qualità ritenuti a priori più sensibili alla pressione prevalente, si sarebbe corso il rischio di non vedere gli effetti delle altre pressioni, che comunque concorrono allo stato ecologico del corpo idrico. Nel Piano di Monitoraggio (2013) si è deciso di mantenere il monitoraggio addizionale, ottimizzando però gli sforzi di campionamento. Per quanto riguarda gli elementi macrofite e macroinvertebrati bentonici è stato scelto di far coincidere il monitoraggio addizionale con quello operativo. Per l'elemento di qualità biologica fitoplancton è stato scelto di eseguire un monitoraggio su 30 stazioni, come per il ciclo precedente, con cadenza annuale e frequenza stagionale. Per l'elemento di qualità biologica ittiofauna è stata, infine, ridefinita una rete di 20 stazioni. La riduzione del numero di stazioni dell'EQB Fauna Ittica è stata motivata dai risultati ottenuti dal monitoraggio addizionale del ciclo precedente e dalla difficoltà di campionamento di alcune stazioni. Tali scelte sono state mantenute anche nei Piani di Monitoraggio successivi (2016, 2020).

In Tabella sono riportate le coordinate Gauss-Boaga (Fuso Est) delle 30 stazioni di campionamento dell'EQB fitoplancton e delle 20 stazioni di campionamento dell'EQB fauna ittica. In Figura 18 è riportata la loro localizzazione spaziale.

Di seguito vengono descritte le attività di campionamento, analisi e applicazione dei relativi indici per entrambi gli EQB.

Tabella 32. Coordinate Gauss-Boaga delle stazioni del Monitoraggio addizionale con indicati gli EQB indagati (Fa = Fauna ittica, Fi = Fitoplancton)

Stazione	Gauss Boaga Fuso Est		EQB
	x	y	
EC_1	2325056	5047735	Fi
EC_1_bis	2324930	5046680	Fa
EC_2	2325228	5044097	Fi
EC_Ve-8	2323743	5042182	Fi
EC_Ve-8_bis	2322188	5041283	Fa
ENC1_1	2309391	5022175	Fi
ENC1_2	2305813	5013339	Fi
ENC1_3	2301947	5012547	Fi
ENC1_4	2303480	5023542	Fi
ENC1_4_bis	2303488	5023623	Fa

Stazione	Gauss Boaga Fuso Est		EQB
	x	y	
ENC1_26	2310193	5026859	Fa
ENC1_27	2303864	5013781	Fa
	2302827*	5013653*	
ENC1_FI	2307650	5025604	Fi
ENC1_VS	2305560	5017509	Fi
ENC2_1	2317348	5035381	Fi
ENC2_1_bis	2317911	5035996	Fa
ENC2_7	2314954	5034690	Fa
ENC2_VG	2314676	5036743	Fi
ENC3_CH	2307093	5011256	Fi
ENC3_CH_bis	2307005	5011399	Fa
ENC4_1	2312798	5031519	Fi
ENC4_1_bis	2312779	5031672	Fa
ENC4_Ve-6	2310582	5031242	Fi
PC1_1	2320575	5041541	Fi
PC1_1_bis	2319465	5040988	Fa
PC1_1B	2316729	5042749	Fi
PC1_1B_bis	2316612	5042709	Fa
PC1_2	2321303	5046124	Fi
PC2_1	2300377	5023162	Fi
PC2_16B	2299280	5019185	Fi
PC2_16B_bis	2299133	5019785	Fa
PC2_CC	2300247	5025863	Fi
PC3_7	2302511	5009582	Fa
PC3_VDB	2303924	5008122	Fi
PC4_10B	2301587	5031628	Fi
PC4_10B_bis	2302059	5032456	Fa
PNC1_1	2311459	5037837	Fi
PNC1_7B	2308338	5038011	Fi
PNC1_7B_bis	2308352	5038115	Fa
PNC1_Ve-1	2306701	5032556	Fi
PNC1_Ve-1_bis	2305862	5034592	Fa
PNC2_1	2318288	5039719	Fi
PNC2_1_bis	2317976	5039255	Fa
PNC2_2	2315523	5041857	Fi
PNC2_11	2311285	5041246	Fa
PNC2_SG	2315953	5038555	Fi
VLCS_VLS	2299393	5023610	Fi
VLCS_VLS_bis	2299278	5023737	Fa
VLN_VLN1	2326873	5047729	Fi
VLN_VLN1_bis	2326609	5047109	Fa

*coordinate spostate in campo solo nella campagna primaverile

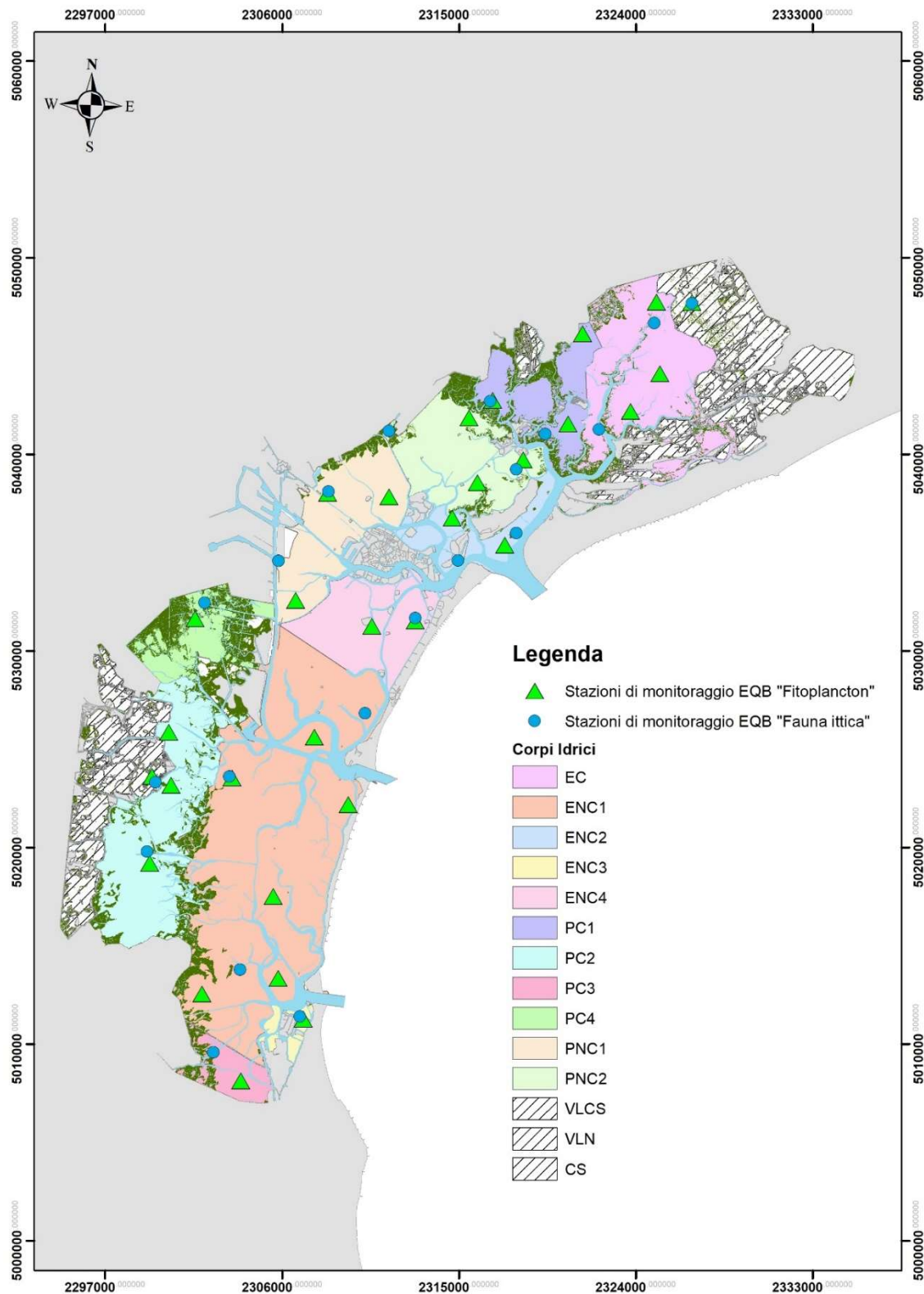


Figura 18. Localizzazione delle stazioni di campionamento degli EQB Fitoplancton (Fi) e Fauna ittica (Fa), indagate per il monitoraggio addizionale.

4.1 Fitoplancton

4.1.1 Rete di monitoraggio

In Figura 18 è riportata la localizzazione spaziale delle 30 stazioni di campionamento monitorate per l'elemento di qualità biologica "Fitoplancton". Il monitoraggio addizionale per questo EQB è stato realizzato nelle quattro stagioni e precisamente nei mesi di febbraio (inverno), maggio (primavera), agosto (estate), novembre (autunno) 2020-2021-2022. Sono stati registrati alcuni scostamenti dalla programmazione (la campagna estiva 2021 è iniziata a fine luglio, la campagna invernale 2022 è terminata il primo marzo e quella primaverile è stata anticipata ad aprile 2022), da ricondurre a condizioni meteo avverse e/o a problemi tecnico-logistici intercorsi nel periodo previsto di campionamento. Nel 2020 non è stato possibile effettuare la campagna estiva presso la stazione VLCS_VLS a causa dell'impossibilità di accesso presso Valle Zappa in conseguenza dell'emergenza COVID 19 in corso.

4.1.2 Campionamento e analisi

Le modalità di campionamento hanno seguito le indicazioni del Protocollo di Monitoraggio El-Pr-TW-03.06 (ISPRA, 2019).

Il campionamento del fitoplancton e della clorofilla *a* è stato effettuato tramite bottiglia Niskin (capacità 5 l) a 0.5 m dalla superficie in condizioni il più possibile di marea di quadratura al fine di ridurre la variabilità dovuta alla marea. Dalla bottiglia Niskin l'acqua è stata immediatamente spillata in bottiglie di vetro scuro (250 ml) per il campione relativo alle abbondanze del fitoplancton e in bottiglie di plastica scura da 2 litri per la biomassa fitoplanctonica (clorofilla *a*). Il campione di fitoplancton è stato immediatamente fissato con soluzione di Lugol (concentrazione finale 1%). Sia i campioni di fitoplancton che i campioni di clorofilla *a* sono stati mantenuti in luogo fresco ed al riparo dalla luce fino al momento dell'analisi in laboratorio. Una volta giunti in laboratorio i campioni sono stati trattati ed analizzati con metodiche standard:

- per l'analisi qualitativa e quantitativa del fitoplancton si è fatto riferimento al manuale ICRAM –MATT (Cicero, Di Girolamo 2001) Scheda 11;
- la determinazione della clorofilla *a* è stata eseguita seguendo il metodo EPA 445.0 (Arar e Collins, 1997).

Dopo l'analisi dei campioni di fitoplancton al microscopio, i valori di abbondanza sono stati organizzati in fogli elettronici specie/campione. Tutte le specie sono state revisionate e conformate ad eventuali sinonimi tramite i database World Register of Marine Species WoRMS -World Register of Marine Species (<http://www.marinespecies.org/>) e Algaebase, Listing the World's Algae <http://www.algaebase.org/>.

4.1.3 Indice per la classificazione dello stato ecologico: MPI

L'indice di qualità italiano MPI (Multimetric Phytoplankton Index, Facca et al. 2014) per la valutazione dello stato ecologico dei corpi idrici delle acque di transizione sulla base dell'Elemento di Qualità Biologica Fitoplancton ha concluso positivamente le diverse fasi di intercalibrazione europea (van de Bund e Poikane, 2015), validazione e verifica di sensibilità alle pressioni antropiche, previste per l'adozione degli indici di qualità biologica ai fini della Direttiva 2000/60/CE ed è stato approvato a livello comunitario (Decisione UE 2018/229). Allo scopo di consentire la corretta applicazione dell'indice MPI è stata pubblicata sul sito SINTAI un'apposita linea guida (linee guida per l'applicazione del multimetric phytoplankton index (MPI), ISPRA-Università di Venezia-CNR ISMAR, dicembre 2017).

L'indice MPI si compone di quattro metriche: 1) un indice di dominanza (Hulburt); 2) un indicatore della frequenza di bloom; 3) un indice di biodiversità (Mehninick); 4) un indicatore della concentrazione di clorofilla *a* (media geometrica). Ai fini dell'applicazione dell'indice ciascuna metrica viene espressa come quoziente relativo, variabile tra 0 e 1, rispetto alle condizioni di riferimento e il punteggio finale dell'indice MPI viene calcolato come media dei valori ottenuti dalle quattro metriche descritte.

L'indice MPI si applica su due differenti tipologie di corpi idrici, ciascuna con i propri valori di soglia e condizioni di riferimento: CI confinati, CI non confinati. Nelle Tabelle 38 e 39 sono riportate le condizioni di riferimento per le singole metriche che compongono l'indice MPI e i valori soglia di RQE per le singole metriche e complessivi per l'indice MPI per tipologia di corpo idrico.

Tabella 38. Condizioni di riferimento per singola metrica per le diverse tipologie di corpo idrico

Metrica	Lagune non confinate	Lagune confinate
Metrica 1 - 100 -Hulburt	50	50
Metrica 2 - 100 - Frequenza	80	80
Metrica3 - Menhinick	0.007	0.012
Metrica 4 - Chl "a"	0.8	1.0

Tabella 39. Limiti di classe (espressi come RQE) per le metriche che compongono l'indice MPI per le diverse tipologie di corpo idrico.

	100-Hulburt	100-Frequenza	Menhinick	Chl <i>a</i>	MPI
Tipologia CI Non Confinati					
Elevato/Buono	0.88	0.83	0.86	0.73	0.82
Buono/Sufficiente	0.60	0.57	0.59	0.40	0.54
Sufficiente/Scarso	0.32	0.31	0.33	0.22	0.30
Scarso/Cattivo	0.05	0.04	0.06	0.12	0.07
Tipologia CI Confinati					
Elevato/Buono	0.80	0.80	0.83	0.67	0.78
Buono/Sufficiente	0.55	0.55	0.56	0.29	0.51
Sufficiente/Scarso	0.30	0.30	0.28	0.13	0.25
Scarso/Cattivo	0.04	0.04	0.04	0.05	0.04

Degli 11 corpi idrici naturali monitorati, 6 rientrano nella tipologia “non confinato” (ENC1, ENC2, ENC3, ENC4, PNC1, PNC2) e 5 nella tipologia “confinato” (EC, PC1, PC2, PC3, PC4). Per le stazioni VLS e VLN1, appartenenti ai due corpi idrici fortemente modificati VLCS e VLN, sono state applicate le condizioni di riferimento e i limiti di classe della tipologia “confinato”. Considerando le condizioni di riferimento ed i valori soglia di ciascuna delle quattro metriche proposte, è stato calcolato l’indice MPI per tutte le stazioni della Laguna monitorate nel corso di ogni singolo anno di monitoraggio del I ciclo del III Piano di Gestione (2020-2021-2022), come da Tabella , sotto riportata. Data la mancanza della campagna estiva 2020 presso la stazione VLCS_VLS, non è stato possibile il calcolo dell’indice MPI per questa stazione in quell’anno.

In Figura 19 sono riportate le classificazioni complessive per ciascuna stazione calcolate come media del punteggio dell’HFBI nelle quattro metriche.

I risultati dell’applicazione dell’indice MPI evidenziano una situazione complessiva generalmente positiva, con uno stato compreso tra buono ed elevato in tutte le stazioni, ad eccezione di isolati casi in stato sufficiente in uno solo dei tre anni di monitoraggio.

La colonna “MEDIA MPI”, che presenta un dato medio dell’indice per stazione nei tre anni di monitoraggio (solo 2021 e 2022 nel caso di VLCS_VLS), mostra come 13 stazioni presentino uno stato ecologico elevato e 17 uno stato buono (Figura 19). Osservando, inoltre, le singole stazioni e le singole annualità di monitoraggio, si può notare come nel 2020 due stazioni PC1_1 e PC1_2 appartenessero alla classe “sufficiente”, così come le stazioni PNC1_1 e PNC1_7B nel 2022. Tale classificazione è determinata dai bassi punteggi delle metriche 1, 2 e 3, probabilmente a loro volta determinati dalla presenza di moderati bloom fitoplanctonici in tutte e quattro le stagioni monitorate e dalla prevalenza di alcune specie sulla comunità fitoplanctonica.

Tabella 40. Valori dell’indice MPI e delle relative metriche dei corpi idrici monitorati. Le classi di qualità sono espresse tramite i colori convenzionali (blu: ELEVATO; verde: BUONO; giallo: SUFFICIENTE; arancio: SCARSO; rosso: CATTIVO)

CORPO IDRICO	STAZIONE	MPI 2020	MPI 2021	MPI 2022	MEDIA MPI
EC	EC_1	0.72	0.69	0.66	0.69
	EC_2	0.84	0.73	0.71	0.76
	EC_Ve-8	0.66	0.91	0.87	0.81
ENC1	ENC1_1	0.94	1.00	0.82	0.92
	ENC1_2	0.86	0.82	0.92	0.87
	ENC1_3	0.67	0.69	0.84	0.73
	ENC1_4	0.90	0.87	0.83	0.87
	ENC1_FI	0.97	1.00	0.96	0.98
	ENC1_VS	0.59	0.85	0.81	0.75
ENC2	ENC2_1	0.97	0.87	0.86	0.90
	ENC2_VG	0.84	0.94	0.75	0.84
ENC3	ENC3_CH	0.84	0.96	0.83	0.88
ENC4	ENC4_1	0.85	0.93	0.92	0.90
	ENC4_Ve6	0.78	0.88	0.72	0.80

CORPO IDRICO	STAZIONE	MPI 2020	MPI 2021	MPI 2022	MEDIA MPI
PC1	PC1_1	0.47	0.62	0.66	0.58
	PC1_1B	0.78	0.72	0.51	0.67
	PC1_2	0.35	0.73	0.69	0.59
PC2	PC2_1	0.65	0.52	0.84	0.67
	PC2_16B	0.57	0.62	0.78	0.66
	PC2_CC	0.70	0.82	0.79	0.77
PC3	PC3_VDB	0.78	0.86	0.70	0.78
PC4	PC4_10B	0.65	0.77	0.71	0.71
PNC1	PNC1_1	0.70	0.82	0.44	0.65
	PNC1_7B	0.55	0.60	0.53	0.56
	PNC1_Ve1	0.64	0.79	0.77	0.74
PNC2	PNC2_1	0.89	0.94	0.69	0.84
	PNC2_2	0.67	0.79	0.54	0.67
	PNC2_SG	0.91	0.92	0.68	0.84
VLCS	VLCS_VLS	-	0.71	0.65	0.68
VLN	VLN_VLN1	0.88	0.86	0.76	0.84

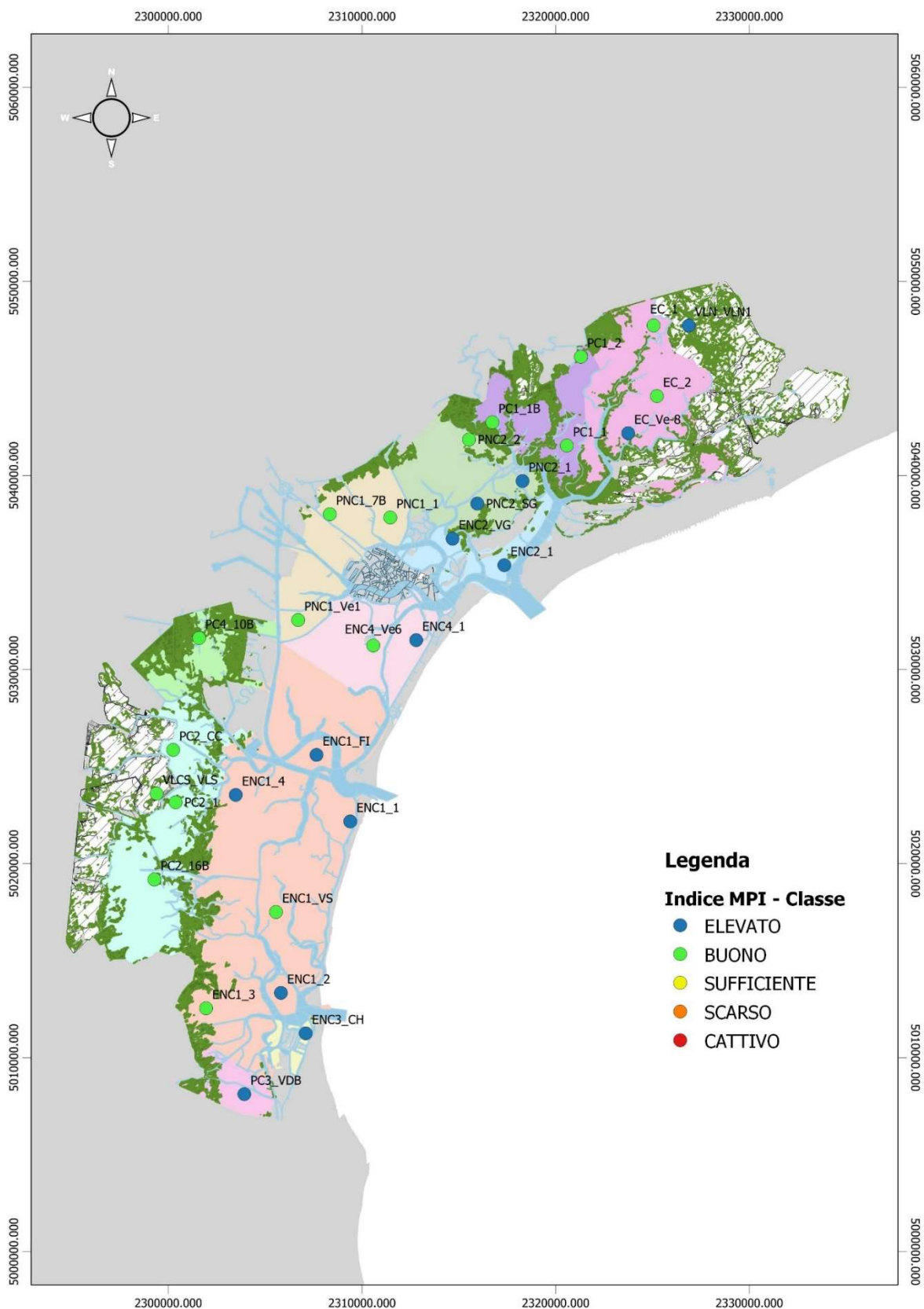


Figura 19. Classificazione complessiva delle stazioni secondo l'indice MPI nel triennio 2020-2022

4.1.4 Confronti tra Cicli di Monitoraggio

In Tabella 17 vengono confrontati i valori di RQE dell'indice MPI relativi ai cicli di monitoraggio 2017-2019 e 2020-2022. Non è stato possibile considerare i cicli precedenti, 2011-2013 e 2014-2016, sia per le modifiche strutturali apportate all'indice rispetto alla versione adottata nel corso del ciclo di monitoraggio 2011-2013, sia per le diverse modalità di conteggio applicate nella lettura dei campioni a partire dal 2016 (nel 2014-2016 le difformità di conteggio non hanno consentito di determinare la metrica 3, mentre per le metriche 1, 2 hanno consentito comunque la comparazione dei dati del triennio). Le diverse modalità di conteggio hanno inoltre impedito di applicare l'indice, nella sua attuale versione, ai dati pregressi a fini comparativi.

Confrontando quindi l'RQE delle stazioni dei due cicli di monitoraggio 2017-2019 e 2020-2022 si osserva che per l'80% di esse (24 su 30) il punteggio migliora, per 5 rimane uguale e per 5 peggiora. Le variazioni di RQE tuttavia comportano solo alcune variazioni di classe, perlopiù positive: sei stazioni infatti migliorano passando dallo stato buono allo stato elevato nel 2020-2022 e solo una peggiora mantenendosi comunque nello stato buono, anche se non elevato. La maggior parte delle stazioni (23 su 30) mantiene invece inalterata la propria classe di appartenenza.

Tabella 33. Valori di RQE dell'indice MPI per le singole stazioni per i cicli di monitoraggio operativo 2017-2019 e 2020-2022. Le classi di qualità sono espresse tramite i colori convenzionali (blu: ELEVATO; verde: BUONO; giallo: SUFFICIENTE; arancione: SCARSO; rosso: CATTIVO).

CORPO IDRICO	STAZIONE	Ciclo 2017-2019	Ciclo 2020-2022
EC	EC_1	0.67	0.69
	EC_2	0.56	0.76
	EC_Ve-8	0.70	0.81
ENC1	ENC1_1	0.81	0.92
	ENC1_2	0.86	0.87
	ENC1_3	0.69	0.73
	ENC1_4	0.94	0.87
	ENC1_FI	0.89	0.98
	ENC1_VS	0.79	0.75
ENC2	ENC2_1	0.86	0.90
	ENC2_VG	0.82	0.84
ENC3	ENC3_CH	0.84	0.88
ENC4	ENC4_1	0.82	0.90
	ENC4_Ve6	0.84	0.80
PC1	PC1_1	0.56	0.58
	PC1_1B	0.61	0.67
	PC1_2	0.53	0.59
PC2	PC2_1	0.73	0.67
	PC2_16B	0.65	0.66
	PC2_CC	0.68	0.77
PC	PC3_VDB	0.70	0.78
PC	PC4_10B	0.63	0.71
PNC1	PNC1_1	0.63	0.65
	PNC1_7B	0.61	0.56

CORPO IDRICO	STAZIONE	Ciclo 2017-2019	Ciclo 2020-2022
	PNC1_Ve1	0.74	0.74
PNC2	PNC2_1	0.71	0.84
	PNC2_2	0.66	0.67
	PNC2_SG	0.72	0.84
	VLCS_VLS	0.61	0.68
VLN	VLN_VLN1	0.73	0.84

4.2 Fauna Ittica

4.2.1 Rete di monitoraggio

In Figura 18 è riportata la localizzazione spaziale delle 20 stazioni di campionamento monitorate per l'elemento di qualità biologica "Fauna Ittica". Il monitoraggio addizionale per questo EQB è stato effettuato in due campagne: la prima in primavera (giugno) e la seconda in autunno (ottobre) 2021.

4.2.2 Campionamento e analisi

Per i campioni di fauna ittica è stata utilizzata una piccola sciabica da spiaggia (lunga 10 m, alta 2 m e con maglia di 2 mm da nodo a nodo). In ogni stazione sono state effettuate due repliche in modo da esplorare una superficie di fondo costante di circa 308 m² per stazione.

Quando possibile, i campioni sono stati identificati, fotografati su sfondo millimetrato e immediatamente rilasciati. In caso contrario gli individui catturati sono stati raccolti e mantenuti a -20°C per essere analizzati in laboratorio.

In laboratorio gli esemplari campionati sono stati identificati tassonomicamente: per ogni taxon sono stati conteggiati gli individui, è stato misurato il peso totale per campione e sono state effettuate misure di lunghezza e peso umido dei singoli individui. Nel caso di campioni abbondanti tali misure sono state limitate ad un sottoinsieme casuale di 100 individui per taxon. Nel caso degli esemplari fotografati sul campo la misura della lunghezza standard è stata effettuata mediante un programma di analisi di immagini, per il peso sono state utilizzate specifiche regressioni lunghezza-peso ricavate dalla banca dati di CEMAS, DAIS-UNIVE relativa alla Fauna ittica della laguna di Venezia.

4.2.3 Indice per la classificazione dello stato ecologico: HFBI

La valutazione dello stato ecologico della laguna di Venezia basato sulla fauna ittica è stata effettuata utilizzando il metodo messo a punto e proposto da CEMAS, DAIS-UNIVE, l'Habitat Fish Bioindicator Index (HFBI). Allo scopo di consentire la corretta applicazione dell'indice HFBI è stata pubblicata sul sito SINTAI un'apposita linea guida (Manuale di classificazione degli elementi di qualità biologica "Fauna ittica" per le lagune costiere italiane, ISPRA, dicembre 2017). La Commissione europea ha successivamente ritenuto che tale indice avesse i requisiti per essere incluso nella Decisione Comunitaria 2018/229 che istituisce, a norma della Direttiva 2000/60/CE, i valori delle classificazioni dei sistemi di monitoraggio degli Stati membri risultanti dall'esercizio di intercalibrazione e che abroga la Decisione 2013/480/UE. L'HFBI per la sua applicazione richiede quattro metriche: la densità di biomassa totale (dB), il numero di specie residenti lagunari (S.ES), la biomassa individuale media delle specie bentivore (BN.bent), la ricchezza specifica (indice di Margalef) delle specie iperbentivore / zooplanctivore / piscivore calcolata sulla biomassa (M.HZP). L'HFBI tiene conto di condizioni di riferimento differenti per stagione (primavera/autunno), per ciascuna tipologia di Corpo Idrico e per tipologia di fondale (presenza/assenza di fanerogame

delle specie *Cymodocea nodosa*, *Zostera marina*, *Zostera nolte*). Il Rapporto di Qualità Ecologica (RQE) viene calcolato dividendo il valore di ciascuna metrica per il rispettivo valore di riferimento ed il valore finale di HFBI viene ottenuto mediando i quattro RQE. Il punteggio così calcolato viene infine tradotto in valutazione dello stato ecologico sulla base di limiti definiti fra le classi ("cattivo", "scarso", "sufficiente", "buono", "elevato").

Lo stato ecologico valutato tramite l'applicazione dell'HFBI ha rilevato marcate differenze stagionali nelle due campagne di monitoraggio con un punteggio mediamente più elevato in autunno che in primavera. In Tabella sono riportate le classificazioni delle singole stazioni per stagione (primavera e autunno) e la classificazione complessiva (Figura 20) calcolata come media del punteggio dell'HFBI nelle due stagioni.

In autunno 6 stazioni risultano in stato "elevato", 7 in stato "buono", 2 in stato "sufficiente", 1 in stato "scarso" e 4 in stato "cattivo". In primavera le stazioni in stato "elevato" e "buono" sono meno numerose e pari rispettivamente a 3 e 6, le stazioni in stato "sufficiente" e "scarso", rispettivamente 3 e 1, rimangono pressoché stabili, mentre aumentano le stazioni in stato "cattivo" da 4 a 7.

Complessivamente la classificazione dell'HFBI (media tra le due stagioni) ha evidenziato come delle 20 stazioni 10 sono risultate in stato "buono" (punteggi HFBI compresi tra 0.641 e 0.924), 1 in stato "elevato" (punteggi HFBI uguale a 1.000), 3 in stato "sufficiente" (punteggi HFBI compresi tra 0.349 e 0.454), 3 in stato "scarso" (punteggi HFBI compresi tra 0.131 e 0.309) e 3 in stato "cattivo" (punteggi HFBI compresi tra 0 e 0.054).

Tabella 42. Risultato dell'applicazione dell'Habitat Fish Bioindicator Index ai dati relativi alle due campagne di monitoraggio primavera autunno 2021. Per ciascuna stazione sono riportati i punteggi dell'indice e la relativa classificazione dello stato ecologico per stagione e nella classificazione complessiva. * = la valutazione delle due stazioni di valle (corpi idrici fortemente modificati) è stata effettuata utilizzando le condizioni di riferimento dei corpi idrici non tidali (M-AT-1). Le classi di qualità sono espresse tramite i colori convenzionali (blu: ELEVATO; verde: BUONO; giallo: SUFFICIENTE; arancio: SCARSO; rosso: CATTIVO)

C.I.	Stazione	Primavera 2021		Autunno 2021		Punteggio HFBI	Classificazione HFBI
		Punteggio HFBI	Classe	Punteggio HFBI	Classe		
EC	EC_1_bis	0.365	Sufficiente	1.000	Elevato	0.682	Buono
	EC_Ve8_bis	1.000	Elevato	0.716	Buono	0.858	Buono
ENC1	ENC1_4_bis	0.760	Buono	0.567	Buono	0.664	Buono
	ENC1_26	1.000	Elevato	1.000	Elevato	1.000	Elevato
	ENC1_27	0.672	Buono	0.025	Cattivo	0.349	Sufficiente
ENC2	ENC2_1_bis	0.283	Scarso	1.000	Elevato	0.641	Buono
	ENC2_7	0.867	Buono	0.571	Buono	0.719	Buono
ENC3	ENC3_CH_bis	0.849	Buono	1.000	Elevato	0.924	Buono
ENC4	ENC4_1_bis	0.095	Cattivo	0.000	Cattivo	0.048	Cattivo
PC1	PC1_1_bis	0.000	Cattivo	0.109	Cattivo	0.054	Cattivo
	PC1_1B_bis	0.632	Buono	0.811	Buono	0.722	Buono
PC2	PC2_16B_bis	0.040	Cattivo	0.365	Sufficiente	0.202	Scarso
PC3	PC3_7	0.345	Sufficiente	0.399	Sufficiente	0.372	Sufficiente
PC4	PC4_10B_bis	0.000	Cattivo	0.619	Buono	0.309	Scarso
PNC1	PNC1_7B_bis	0.945	Elevato	0.718	Buono	0.831	Buono
	PNC1_Ve1_bis	0.789	Buono	1.000	Elevato	0.894	Buono

		Primavera 2021		Autunno 2021		Punteggio HFBI	Classificazione HFBI
C.I.	Stazione	Punteggio HFBI	Classe	Punteggio HFBI	Classe		
PNC2	PNC2_1_bis	0.104	Cattivo	0.803	Buono	0.454	Sufficiente
	PNC2_11	0.523	Sufficiente	1.000	Elevato	0.762	Buono
VLCS	VLCS_VLS	0.000	Cattivo	0.261	Scarso	0.131	Scarso
VLN	VLN_VLN1	0.000	Cattivo	0.060	Cattivo	0.030	Cattivo



4.2.4 Confronti tra Cicli di Monitoraggio

In Tabella vengono confrontati i valori di RQE dell'indice HFBI relativi ai cicli di monitoraggio 2017-2019 e 2020-2022. Sono stati, inoltre, inseriti anche i cicli di monitoraggio precedenti 2011-2013 e 2014-2016, per i quali l'indice è stato ricalcolato secondo la versione oggi vigente. I confronti con questi cicli devono considerarsi tuttavia come puramente indicativi, date le differenze nelle finalità e nel disegno di campionamento (in particolare nel numero e nella localizzazione delle stazioni) tra le diverse campagne d'indagine. Nel ciclo di monitoraggio (2011-2013) il disegno di campionamento prevedeva infatti di effettuare le indagini su 30 stazioni, diventate 20 a partire dal ciclo successivo (2014). Inoltre, gli effetti sulla fauna ittica delle pressioni antropiche possono essere più o meno mascherati dall'elevata variabilità "naturale" delle condizioni abiotiche da un anno all'altro che caratterizza gli ecosistemi di transizione (Elliott e Quintino, 2007).

Confrontando l'RQE delle stazioni comuni a tutti i cicli di monitoraggio (anche se alcune, contraddistinte dalla desinenza bis, sono state leggermente spostate per migliorarne la raggiungibilità, ma sempre all'interno di un raggio di ca. 100 m dal punto iniziale) si osserva che il punteggio medio dapprima aumenta, nel passaggio dal 2011 ai cicli successivi varia da 0.66 a 0.78 nel 2014 e 0.75 nel 2018-2019, poi scende nuovamente nel 2021, raggiungendo un valore medio pari a 0.53, più basso anche di quello iniziale registrato nel 2011.

Considerando i cicli 2014-2016, 2017-2019 e 2020-2022, per i quali la rete di stazioni è rimasta la stessa, si osserva che il numero di stazioni in stato elevato è diminuito passando da 6 nel 2014, a 4 nel 2018-2019 e a 1 nel 2021. Le stazioni in stato buono sono rimaste perlopiù stabili e pari a 10 nel 2014 e 2020, con un lieve picco di 14 nel 2018-2019. Anche le stazioni in stato sufficiente sono rimaste pressoché costanti e pari a 3, scendendo di 1 unità solo nel 2018-2019. Sono invece aumentate nel 2021 le stazioni in stato scarso e cattivo, con 3 siti ciascuno.

La maggior parte delle stazioni il cui indice peggiora, in particolar modo nel 2021 rispetto ai cicli precedenti, appartengono a corpi idrici polialini, situati nelle zone più confinate della Laguna.

Tabella 43. Stato ecologico della Fauna ittica secondo l'Habitat Fish Bioindicator Index nelle stazioni di monitoraggio campionate in tutti i cicli: 2011, 2014, 2018-2019 e 2021. Le classi di qualità sono espresse tramite i colori convenzionali (blu: ELEVATO; verde: BUONO; giallo: SUFFICIENTE; arancio: SCARSO; rosso: CATTIVO)

C. I.	2011		Stazione	2014	2018-2019	2021
	Stazione	Classificazione HFBI		Classificazione HFBI	Classificazione HFBI	Classificazione HFBI
EC	EC_1	0.57	EC_1 bis	0.98	0.58	0.68
	EC_2	0.60				
	EC_Ve8	1.00	EC_Ve8 bis	0.89	0.67	0.86
ENC1	ENC1_1	0.87				
	ENC1_2	0.70				
	ENC1_3	0.48				
	ENC1_4	1.00	ENC1_4 bis	0.86	0.72	0.66

C. I.	2011		Stazione	2014	2018-2019	2021
	Stazione	Classificazione HFBI		Classificazione HFBI	Classificazione HFBI	Classificazione HFBI
			ENC1_26	1.00	0.99	1.00
			ENC1_27	0.32	1.00	0.35
	ENC1_FI	1.00				
	ENC1_VS	0.38				
	ENC2_1	0.61	ENC2_1 bis	0.94	0.95	0.64
ENC2			ENC2_7	1.00	0.91	0.72
	ENC2_VG	0.62				
ENC3	ENC3_CH	0.75	ENC3_CH bis	0.99	0.92	0.92
ENC4	ENC4_1	0.81	ENC4_1 bis	1.00	0.86	0.09
	ENC4_Ve6	0.93				
PC1	PC1_1	0.38	PC1_1 bis	0.75	0.70	0.05
	PC1_1B	0.77	PC1_1B bis	0.71	0.69	0.72
	PC1_2	0.81				
PC2	PC2_1	0.69				
	PC2_16B	0.51	PC2_16B bis	0.51	0.62	0.20
	PC2_CC	0.51				
PC3			PC3_7 new	0.94	0.46	0.37
	PC3_VDB	0.74				
PC4	PC4_10B	0.86	PC4_10B bis	0.63	0.68	0.31
PNC1	PNC1_1	0.98				
	PNC1_7B	0.39	PNC1_7B bis	0.81	0.64	0.83
	PNC1_Ve-1	0.98	PNC1_Ve1 bis	0.80	0.96	0.89
PNC2	PNC2_1	0.86	PNC2_1 bis	0.84	0.90	0.45
	PNC2_2	0.70				
			PNC2_11	0.79	0.74	0.76
	PNC2_SG	0.91				
VLCS	VLCS_VLS	0.00	VLCS_VLS bis	0.54	0.57	0.13
VLN	VLN_VLN1	0.42	VLN_VLN1 bis	0.33	0.49	0.03

5 CONCLUSIONI

In questo documento sono stati elaborati e valutati i risultati del monitoraggio ecologico eseguito nel triennio 2020-2022.

Nel 2021 sono stati eseguiti i campionamenti degli EQB macroalghe ed angiosperme, mentre i macroinvertebrati bentonici sono stati campionati nel 2022. Tali EQB sono stati scelti per il monitoraggio operativo dei corpi idrici della Laguna di Venezia poiché identificati come significativi delle pressioni che insistono in ciascun corpo idrico, come richiesto dalla normativa, e per i quali il D.M. 260/2012 ha definito indici e RQE per la classificazione ecologica.

Dall'applicazione degli indici MaQI e M-AMBI, secondo il D.M. 260/2010, emerge che, **nessun corpo idrico della Laguna di Venezia è risultato in stato buono o elevato**. Sono risultati in stato scarso EC, ENC2, ENC4, PNC1 e PC4, mentre sono risultati in stato sufficiente ENC1, ENC3, PC1, PC2, PC3, e PNC2. Nessun corpo idrico è risultato in stato cattivo.

La classificazione del macrozoobenthos, effettuata con l'indice M-AMBI è risultata peggiorativa, nel principio "*One out-All-Out*", rispetto a quella delle macrofite effettuata con l'indice MaQI. In particolare, ha portato ad un declassamento dei CI EC, ENC1, ENC2, ENC4 e PC2. Al contrario, PNC1 risulta l'unico declassato per il MaQI, mentre i CI PC1, PC3, PC4 e PNC2 hanno mostrato una convergenza nelle classificazioni degli EQB.

L'applicazione dell'indice BITS all'EQB macroinvertebrati bentonici, ritenuta facoltativa dal D.M. 260/2010, ha evidenziato divergenze sostanziali con l'indice M-AMBI obbligatorio.

Per quanto riguarda gli elementi di qualità fisico-chimica a supporto della classificazione ecologica, i dati riportati in questa relazione si riferiscono al monitoraggio stagionale eseguito dal 2020 al 2022. I risultati hanno permesso il calcolo sia delle medie del triennio che delle medie annuali per ciascun corpo idrico effettuate, rispettivamente per il 2020, 2021 e il 2022, per i parametri ad oggi con limite di classe tra buono e sufficiente definiti dal D.M. 260/2010, ovvero DIN (Azoto inorganico disciolto) e P-PO₄ (Fosforo reattivo). Il confronto con i limiti di classe Buono/Sufficiente della normativa ha evidenziato superamenti solo per il DIN. Il superamento come media del triennio si è verificato solo per il CI PC4. Per l'ortofosfato non si sono verificati superamenti.

I dati sulle condizioni di ossigenazione provengono, invece, dalle indagini eseguite dal Provveditorato per le Opere Pubbliche effettuate solamente attraverso le sonde in continuo, poiché per il triennio in esame non è stato effettuato il monitoraggio del rapporto AVS/LFe nei sedimenti lagunari. Per tutti i CI della Laguna di Venezia, nel triennio in esame, non si può ritenere determinabile, ai fini della classificazione ai sensi del DM 260/2010, lo stato di ossigenazione delle acque.

Complessivamente si sono verificate situazioni di anossia (valori di ossigeno disciolto < 1 mg/l) inferiori a 1 giorno, ma ripetute per più giorni consecutivi; tuttavia, l'assenza di dati estesa a gran parte del periodo estivo per la maggior parte delle sonde o addirittura per

tutto l'anno per due di esse, nonché la mancata analisi del rapporto AVS/LFe, non permettono la valutazione delle condizioni di ossigenazione.

Il monitoraggio addizionale, realizzato per ottenere informazioni di supporto all'interpretazione dei risultati del monitoraggio operativo, si è svolto con cadenza stagionale negli anni 2020-2021-2022 per l'EQB fitoplancton e in primavera ed autunno 2021 per l'EQB fauna ittica. Dall'applicazione dell'indice MPI, secondo il D.M. 260/2010, emerge una situazione complessiva generalmente positiva, con uno stato compreso tra buono ed elevato in tutte le stazioni. Dall'applicazione dell'indice HFBI, sempre secondo il D.M. 260/2010, emerge una situazione più variegata, con la maggior parte delle stazioni in stato Buono, a cui si affianca una stazione in stato elevato, ma dove al contempo sono presenti gli stati sufficiente, scarso e cattivo con 3 stazioni ciascuno.

Dall'integrazione tra i risultati derivanti dal giudizio peggiore degli EQB del monitoraggio operativo e gli elementi di qualità chimico-fisica, risulta che nessun corpo idrico della Laguna di Venezia è in stato Buono o Elevato.

I risultati della FASE I di integrazione tra elementi di qualità biologica ed elementi di qualità fisico-chimica a supporto riportati in questo documento non variano anche considerando, come prevede il D.M. 260/2010, i parametri idromorfologici a supporto della classificazione ecologica, che intervengono solo per confermare lo stato Elevato.

La classificazione ecologica dei corpi idrici della laguna di Venezia viene completata a seguito della Fase II ovvero l'integrazione tra i risultati della Fase I con gli elementi chimici (altri inquinanti specifici).

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ALLEGATO 1

Statistiche descrittive dei parametri analizzati nel 2020 per i quali non sono previste soglie.

		TDP (mg/l)								POC (mg/l)					
Corpo idrico	Anno		Media	Dev.St.	Minimo	Massimo	N	Corpo idrico	Anno	Media	Dev.St.	Minimo	Massimo	N	
EC	2020		0.018	0.016	0.001	0.061	12	EC	2020	1.17	2.00	0.19	6.7	12	
ENC1	2020		0.012	0.006	0.003	0.035	24	ENC1	2020	0.32	0.13	0.14	0.64	24	
ENC2	2020		0.017	0.013	0.005	0.037	8	ENC2	2020	0.57	0.57	0.22	1.9	8	
ENC3	2020		0.011	0.003	0.007	0.013	4	ENC3	2020	0.38	0.11	0.23	0.49	4	
ENC4	2020		0.016	0.012	0.006	0.036	8	ENC4	2020	0.35	0.11	0.22	0.51	8	
PC1	2020		0.024	0.012	0.007	0.044	12	PC1	2020	1.21	1.64	0.21	6.1	12	
PC2	2020		0.021	0.009	0.008	0.039	12	PC2	2020	0.71	0.48	0.24	1.6	12	
PC3	2020		0.011	0.005	0.005	0.017	4	PC3	2020	0.57	0.37	0.24	1.1	4	
PC4	2020		0.028	0.012	0.016	0.044	4	PC4	2020	1.14	0.55	0.50	1.8	4	
PNC1	2020		0.027	0.016	0.012	0.057	12	PNC1	2020	0.87	0.84	0.23	2.9	12	
PNC2	2020		0.020	0.014	0.005	0.049	12	PNC2	2020	0.63	0.53	0.23	2.1	12	
VLCS	2020		0.022	0.016	0.011	0.04	3	VLCS	2020	0.88	0.58	0.34	1.5	3	
VLN	2020		0.019	0.015	0.008	0.042	4	VLN	2020	0.60	0.28	0.34	1	4	

		SiO2-- (mg/l)							TSS (mg/l)				
Corpo idrico	Anno	Media	Dev.St.	Minimo	Massimo	N	Corpo idrico	Anno	Media	Dev.St.	Minimo	Massimo	N
EC	2020	0.98	1.28	0.14	4.03	12	EC	2020	4.75	2.38	2.00	8	12
ENC1	2020	0.34	0.20	0.06	0.75	24	ENC1	2020	5.00	4.74	0.50	13	24
ENC2	2020	0.44	0.13	0.25	0.582	8	ENC2	2020	13.75	30.03	1.00	88	8
ENC3	2020	0.43	0.30	0.18	0.84	4	ENC3	2020	4.75	3.50	3.00	10	4
ENC4	2020	0.45	0.30	0.10	0.89	8	ENC4	2020	4.25	1.58	2.00	7	8
PC1	2020	1.64	1.37	0.15	4.23	12	PC1	2020	9.17	5.70	2.00	21	12
PC2	2020	0.57	0.35	0.10	1.16	12	PC2	2020	6.67	5.00	2.00	16	12
PC3	2020	0.39	0.17	0.19	0.56	4	PC3	2020	8.75	6.85	1.00	15	4
PC4	2020	1.50	0.25	1.23	1.83	4	PC4	2020	21.00	10.86	8.00	33	4
PNC1	2020	1.01	0.66	0.27	2.24	12	PNC1	2020	10.25	5.91	4.00	26	12
PNC2	2020	1.32	1.23	0.33	4.3	12	PNC2	2020	8.75	6.27	2.00	25	12
VLCS	2020	0.12	0.10	0.04	0.23	3	VLCS	2020	5.00	3.61	1.00	8	3
VLN	2020	0.86	0.92	0.17	2.21	4	VLN	2020	2.50	1.00	2.00	4	4

		Clorofilla (µg/l)							Feopigmenti (µg/l)				
Corpo idrico	Anno	Media	Dev.St.	Minimo	Massimo	N	Corpo idrico	Anno	Media	Dev.St.	Minimo	Massimo	N
EC	2020	2.49	4.79	0.20	16.69	12	EC	2020	1.60	2.80	0.10	10.11	12
ENC1	2020	0.73	0.43	0.21	2	24	ENC1	2020	0.59	0.40	0.00	1.42	24
ENC2	2020	0.84	0.55	0.40	1.71	8	ENC2	2020	1.29	1.63	0.02	5.13	8
ENC3	2020	0.80	0.48	0.21	1.28	4	ENC3	2020	1.10	0.50	0.38	1.45	4
ENC4	2020	0.86	0.47	0.40	1.71	8	ENC4	2020	0.71	0.41	0.09	1.26	8
PC1	2020	3.51	5.12	0.40	17.8	12	PC1	2020	1.89	1.79	0.00	5.07	12
PC2	2020	1.92	2.18	0.20	7.79	12	PC2	2020	1.64	1.03	0.34	4.21	12
PC3	2020	0.91	0.44	0.43	1.5	4	PC3	2020	2.16	2.16	0.19	5.23	4
PC4	2020	3.09	3.06	0.47	7.02	4	PC4	2020	3.84	1.80	2.18	6.41	4
PNC1	2020	4.08	6.04	0.43	15.38	12	PNC1	2020	2.53	3.31	0.62	12.12	12
PNC2	2020	1.82	2.40	0.40	8.16	12	PNC2	2020	1.21	1.23	0.00	4.62	12
VLCS	2020	1.57	1.62	0.43	3.42	3	VLCS	2020	2.12	0.38	1.69	2.41	3
VLN	2020	0.99	0.67	0.21	1.6	4	VLN	2020	1.44	1.11	0.41	3.02	4

		TPN (mg/l)				
Corpo idrico	Anno	Media	Dev.St.	Minimo	Massimo	N
EC	2020	0.17	0.29	0.02	0.97	12
ENC1	2020	0.05	0.02	0.02	0.11	24
ENC2	2020	0.08	0.07	0.03	0.23	8
ENC3	2020	0.06	0.02	0.03	0.08	4
ENC4	2020	0.06	0.02	0.04	0.09	8
PC1	2020	0.20	0.27	0.03	1	12
PC2	2020	0.10	0.06	0.04	0.23	12
PC3	2020	0.09	0.05	0.04	0.16	4
PC4	2020	0.16	0.08	0.07	0.25	4
PNC1	2020	0.13	0.12	0.04	0.4	12
PNC2	2020	0.10	0.10	0.03	0.38	12
VLCS	2020	0.12	0.08	0.04	0.2	3
VLN	2020	0.09	0.05	0.04	0.15	4

		DOC (mg/l)				
Corpo idrico	Anno	Media	Dev.St.	Minimo	Massimo	N
EC	2020	4.1	2.3	2.2	10.4	12
ENC1	2020	2.5	0.8	1.3	4.3	24
ENC2	2020	1.9	0.4	1.6	2.7	8
ENC3	2020	2.4	1.5	1.0	4.5	4
ENC4	2020	2.1	0.4	1.6	2.6	8
PC1	2020	3.3	1.4	2.0	7.2	12
PC2	2020	3.3	0.9	1.7	4.7	12
PC3	2020	2.7	1.0	1.9	4.2	4
PC4	2020	2.6	1.0	1.6	3.9	4
PNC1	2020	2.7	0.7	1.7	3.8	12
PNC2	2020	2.7	0.8	1.3	4	12
VLCS	2020	4.1	1.4	2.8	5.6	3
VLN	2020	5.7	1.9	4.2	8.4	4

		TDN (mg/l)				
Corpo idrico	Anno	Media	Dev.St.	Minimo	Massimo	N
EC	2020	0.33	0.32	0.12	1.26	12
ENC1	2020	0.23	0.10	0.05	0.49	24
ENC2	2020	0.21	0.06	0.14	0.29	8
ENC3	2020	0.20	0.10	0.08	0.3	4
ENC4	2020	0.20	0.08	0.05	0.28	8
PC1	2020	0.40	0.20	0.20	0.71	12
PC2	2020	0.36	0.16	0.21	0.68	12
PC3	2020	0.25	0.09	0.12	0.32	4
PC4	2020	0.70	0.47	0.35	1.38	4
PNC1	2020	0.34	0.13	0.08	0.54	12
PNC2	2020	0.33	0.16	0.19	0.7	12
VLCS	2020	0.29	0.01	0.28	0.301	3
VLN	2020	0.50	0.21	0.37	0.82	4

		Solfuri liberi (mg/l)		
Corpo idrico	Anno	Media	Dev.St.	N
EC	2020	<0.1	NC	12
ENC1	2020	<0.1	NC	24
ENC2	2020	<0.1	NC	8
ENC3	2020	<0.1	NC	4
ENC4	2020	<0.1	NC	8
PC1	2020	<0.1	NC	12
PC2	2020	<0.1	NC	12
PC3	2020	<0.1	NC	4
PC4	2020	<0.1	NC	4
PNC1	2020	<0.1	NC	12
PNC2	2020	<0.1	NC	12
VLCS	2020	<0.1	NC	3
VLN	2020	<0.1	NC	4

Statistiche descrittive dei parametri analizzati nel 2021 per i quali non sono previste soglie.

		TDP (mg/l)				
Corpo idrico	Anno	Media	Dev.St.	Minimo	Massimo	N
EC	2021	0.009	0.002	0.006	0.014	12
ENC1	2021	0.007	0.004	0.003	0.018	24
ENC2	2021	0.011	0.012	0.004	0.04	8
ENC3	2021	0.007	0.002	0.005	0.01	4
ENC4	2021	0.008	0.004	0.003	0.017	8
PC1	2021	0.011	0.006	0.005	0.024	12
PC2	2021	0.010	0.004	0.006	0.016	12
PC3	2021	0.013	0.007	0.007	0.023	4
PC4	2021	0.035	0.037	0.014	0.091	4
PNC1	2021	0.014	0.005	0.008	0.026	12
PNC2	2021	0.014	0.010	0.005	0.04	12
VLCS	2021	0.011	0.003	0.007	0.015	4
VLN	2021	0.015	0.007	0.006	0.022	4

		POC (mg/l)				
Corpo idrico	Anno	Media	Dev.St.	Minimo	Massimo	N
EC	2021	0.43	0.20	0.22	0.94	12
ENC1	2021	0.30	0.14	0.13	0.69	24
ENC2	2021	0.33	0.13	0.21	0.52	8
ENC3	2021	0.27	0.09	0.20	0.39	4
ENC4	2021	0.37	0.22	0.15	0.7	8
PC1	2021	0.50	0.26	0.23	0.9	12
PC2	2021	0.58	0.28	0.21	1.1	12
PC3	2021	0.56	0.28	0.28	0.88	4
PC4	2021	0.97	0.62	0.31	1.6	4
PNC1	2021	0.58	0.33	0.21	1.1	12
PNC2	2021	0.48	0.30	0.18	1.2	12
VLCS	2021	0.74	0.26	0.47	1.1	4
VLN	2021	0.67	0.27	0.35	1	4

		SiO ₂ -- (mg/l)				
Corpo idrico	Anno	Media	Dev.St.	Minimo	Massimo	N
EC	2021	0.76	0.60	0.14	2.32	12
ENC1	2021	0.47	0.19	0.06	0.77	24
ENC2	2021	0.54	0.25	0.25	0.91	8
ENC3	2021	0.51	0.12	0.40	0.66	4
ENC4	2021	0.62	0.17	0.37	0.87	8
PC1	2021	1.27	1.11	0.35	3.63	12
PC2	2021	0.85	0.50	0.04	1.92	12
PC3	2021	0.81	0.48	0.27	1.36	4
PC4	2021	2.95	0.91	1.71	3.676	4
PNC1	2021	1.52	0.68	0.36	2.4	12
PNC2	2021	1.38	0.92	0.37	3.44	12
VLCS	2021	0.17	0.16	0.02	0.336	4
VLN	2021	0.77	0.93	0.12	2.14	4

		TSS (mg/l)				
Corpo idrico	Anno	Media	Dev.St.	Minimo	Massimo	N
EC	2021	6.67	4.44	1.00	17	12
ENC1	2021	2.92	2.04	1.00	9	24
ENC2	2021	5.63	2.26	1.00	8	8
ENC3	2021	2.25	0.50	2.00	3	4
ENC4	2021	3.75	3.11	1.00	11	8
PC1	2021	9.42	10.47	2.00	41	12
PC2	2021	3.92	2.23	2.00	9	12
PC3	2021	4.50	3.42	1.00	9	4
PC4	2021	15.50	3.42	12.00	20	4
PNC1	2021	9.17	6.32	2.00	19	12
PNC2	2021	8.42	6.61	3.00	25	12
VLCS	2021	4.25	2.06	2.00	6	4
VLN	2021	4.50	1.91	2.00	6	4

		Clorofilla (µg/l)				
Corpo idrico	Anno	Media	Dev.St.	Minimo	Massimo	N
EC	2021	0.78	0.37	0.20	1.6	12
ENC1	2021	0.52	0.45	0.20	2.4	24
ENC2	2021	0.57	0.36	0.21	1.2	8
ENC3	2021	0.52	0.27	0.21	0.85	4
ENC4	2021	0.54	0.22	0.21	0.85	8
PC1	2021	1.19	0.90	0.19	3.47	12
PC2	2021	1.20	1.13	0.40	4.54	12
PC3	2021	1.11	0.73	0.60	2.2	4
PC4	2021	2.22	2.23	0.40	5.41	4
PNC1	2021	1.17	0.59	0.40	2.25	12
PNC2	2021	0.65	0.52	0.20	2	12
VLCS	2021	1.05	0.52	0.50	1.71	4
VLN	2021	0.83	0.31	0.45	1.2	4

		Feopigmenti (µg/l)				
Corpo idrico	Anno	Media	Dev.St.	Minimo	Massimo	N
EC	2021	1.23	1.10	0.34	4.43	12
ENC1	2021	0.58	0.51	0.00	1.58	24
ENC2	2021	0.99	0.68	0.28	2.26	8
ENC3	2021	0.39	0.25	0.10	0.68	4
ENC4	2021	0.79	0.49	0.00	1.28	8
PC1	2021	1.28	1.09	0.52	4.19	12
PC2	2021	1.80	0.84	0.02	3.38	12
PC3	2021	1.40	1.38	0.24	3.33	4
PC4	2021	1.97	1.27	0.72	3.7	4
PNC1	2021	1.91	1.27	0.43	3.53	12
PNC2	2021	2.29	3.70	0.00	13.42	12
VLCS	2021	0.84	0.52	0.34	1.43	4
VLN	2021	2.03	1.57	0.32	3.56	4

		TPN (mg/l)				
Corpo idrico	Anno	Media	Dev.St.	Minimo	Massimo	N
EC	2021	0.06	0.03	0.02	0.14	12
ENC1	2021	0.04	0.03	0.02	0.11	24
ENC2	2021	0.04	0.03	0.02	0.08	8
ENC3	2021	0.04	0.02	0.02	0.07	4
ENC4	2021	0.06	0.02	0.03	0.09	8
PC1	2021	0.07	0.05	0.02	0.15	12
PC2	2021	0.09	0.04	0.02	0.16	12
PC3	2021	0.09	0.04	0.04	0.13	4
PC4	2021	0.15	0.10	0.04	0.27	4
PNC1	2021	0.09	0.05	0.03	0.16	12
PNC2	2021	0.07	0.05	0.02	0.2	12
VLCS	2021	0.10	0.03	0.06	0.14	4
VLN	2021	0.10	0.04	0.05	0.15	4

		DOC (mg/l)				
Corpo idrico	Anno	Media	Dev.St.	Minimo	Massimo	N
EC	2021	2.7	1.1	1.3	5	12
ENC1	2021	2.2	0.8	1.1	3.9	24
ENC2	2021	2.1	0.7	1.1	2.9	8
ENC3	2021	1.8	0.8	1.2	2.9	4
ENC4	2021	2.0	0.5	1.2	2.6	8
PC1	2021	2.4	0.8	1.0	3.4	12
PC2	2021	2.9	1.0	1.9	5.4	12
PC3	2021	3.0	0.8	1.9	3.7	4
PC4	2021	2.7	1.0	1.7	3.8	4
PNC1	2021	2.5	0.5	1.7	3.1	12
PNC2	2021	2.4	0.7	1.3	3.6	12
VLCS	2021	3.7	0.8	2.7	4.6	4
VLN	2021	5.0	1.5	3.7	7.2	4

		TDN (mg/l)							Solfuri liberi (mg/l)		
Corpo idrico	Anno	Media	Dev.St.	Minimo	Massimo	N	Corpo idrico	Anno	Media	Dev.St.	N
EC	2021	0.27	0.05	0.21	0.368	12	EC	2021	<0.1	NC	12
ENC1	2021	0.23	0.07	0.11	0.392	24	ENC1	2021	<0.1	NC	24
ENC2	2021	0.26	0.13	0.10	0.449	8	ENC2	2021	<0.1	NC	8
ENC3	2021	0.21	0.04	0.18	0.258	4	ENC3	2021	<0.1	NC	4
ENC4	2021	0.22	0.05	0.15	0.273	8	ENC4	2021	<0.1	NC	8
PC1	2021	0.51	0.41	0.20	1.489	12	PC1	2021	<0.1	NC	12
PC2	2021	0.39	0.14	0.19	0.677	12	PC2	2021	<0.1	NC	12
PC3	2021	0.41	0.20	0.25	0.7	4	PC3	2021	<0.1	NC	4
PC4	2021	1.23	0.26	0.91	1.506	4	PC4	2021	<0.1	NC	4
PNC1	2021	0.40	0.14	0.18	0.634	12	PNC1	2021	<0.1	NC	12
PNC2	2021	0.43	0.20	0.23	0.886	12	PNC2	2021	<0.1	NC	12
VLCS	2021	0.28	0.06	0.21	0.342	4	VLCS	2021	<0.1	NC	4
VLN	2021	0.58	0.27	0.26	0.912	4	VLN	2021	<0.1	NC	4

Statistiche descrittive dei parametri analizzati nel 2022 per i quali non sono previste soglie.

		TDP (mg/l)							POC (mg/l)				
Corpo idrico	Anno	Media	Dev.St.	Minimo	Massimo	N	Corpo idrico	Anno	Media	Dev.St.	Minimo	Massimo	N
EC	2022	0.011	0.004	0.006	0.019	12	EC	2022	0.90	0.61	0.31	2.40	12
ENC1	2022	0.009	0.005	0.004	0.028	24	ENC1	2022	0.32	0.14	0.13	0.66	24
ENC2	2022	0.008	0.002	0.006	0.013	8	ENC2	2022	0.37	0.20	0.13	0.66	8
ENC3	2022	0.009	0.004	0.006	0.014	4	ENC3	2022	0.43	0.15	0.30	0.64	4
ENC4	2022	0.009	0.003	0.004	0.013	8	ENC4	2022	0.40	0.21	0.16	0.72	8
PC1	2022	0.013	0.006	0.006	0.023	12	PC1	2022	0.99	0.94	0.15	3.40	12
PC2	2022	0.012	0.005	0.007	0.024	12	PC2	2022	0.58	0.30	0.22	1.10	12
PC3	2022	0.012	0.006	0.006	0.020	4	PC3	2022	0.83	0.33	0.57	1.30	4
PC4	2022	0.021	0.007	0.015	0.031	4	PC4	2022	0.41	0.23	0.20	0.68	4
PNC1	2022	0.020	0.011	0.005	0.040	12	PNC1	2022	0.91	0.74	0.15	2.70	12
PNC2	2022	0.013	0.006	0.004	0.024	12	PNC2	2022	0.74	0.49	0.21	1.70	12
VLCS	2022	0.019	0.003	0.016	0.022	4	VLCS	2022	1.70	1.31	0.56	3.50	4
VLN	2022	0.011	0.003	0.008	0.014	4	VLN	2022	0.79	0.22	0.48	1.00	4

		SiO ₂ -- (mg/l)							TSS (mg/l)				
Corpo idrico	Anno	Media	Dev.St.	Minimo	Massimo	N	Corpo idrico	Anno	Media	Dev.St.	Minimo	Massimo	N
EC	2022	0.58	0.36	0.01	1.15	12	EC	2022	15.42	10.59	2.00	34	12
ENC1	2022	0.35	0.17	0.08	0.67	24	ENC1	2022	2.96	1.68	1.00	6	24
ENC2	2022	0.52	0.34	0.20	1.24	8	ENC2	2022	4.88	2.80	2.00	9	8
ENC3	2022	0.33	0.19	0.16	0.59	4	ENC3	2022	3.75	2.06	2.00	6	4
ENC4	2022	0.38	0.18	0.18	0.78	8	ENC4	2022	4.13	1.89	2.00	7	8
PC1	2022	1.10	0.62	0.08	1.97	12	PC1	2022	15.17	12.97	2.00	42	12
PC2	2022	0.56	0.22	0.21	0.90	12	PC2	2022	5.50	4.56	1.00	16	12
PC3	2022	0.52	0.53	0.16	1.31	4	PC3	2022	13.00	9.49	6.00	27	4
PC4	2022	1.14	0.35	0.63	1.42	4	PC4	2022	6.00	2.16	4.00	9	4
PNC1	2022	1.00	0.59	0.45	2.05	12	PNC1	2022	16.58	20.78	3.00	77	12
PNC2	2022	0.98	0.61	0.23	2.63	12	PNC2	2022	15.08	12.86	4.00	46	12
VLCS	2022	0.29	0.33	0.06	0.76	4	VLCS	2022	10.25	9.95	2.00	22	4
VLN	2022	1.19	1.57	0.25	3.53	4	VLN	2022	12.00	14.72	3.00	34	4

		Clorofilla (µg/l)				
Corpo idrico	Anno	Media	Dev.St.	Minimo	Massimo	N
EC	2022	1.68	1.21	0.40	4.01	12
ENC1	2022	0.71	0.54	0.20	2.4	24
ENC2	2022	1.00	0.60	0.40	2	8
ENC3	2022	0.80	0.33	0.40	1.2	4
ENC4	2022	0.98	0.77	0.20	2.4	8
PC1	2022	2.35	2.37	0.60	8.41	12
PC2	2022	1.27	1.05	0.40	4.01	12
PC3	2022	1.05	0.68	0.40	2	4
PC4	2022	0.80	0.28	0.60	1.2	4
PNC1	2022	3.59	4.20	0.40	14.88	12
PNC2	2022	1.87	1.67	0.20	6.68	12
VLCS	2022	10.43	16.42	1.60	35.04	4
VLN	2022	1.43	0.32	1.00	1.72	4

		Feopigmenti (µg/l)				
Corpo idrico	Anno	Media	Dev.St.	Minimo	Massimo	N
EC	2022	1.40	0.99	0.00	3	12
ENC1	2022	0.36	0.42	0.00	1.36	24
ENC2	2022	0.60	0.56	0.00	1.36	8
ENC3	2022	0.92	0.55	0.18	1.46	4
ENC4	2022	0.49	0.43	0.00	1.24	8
PC1	2022	1.85	1.54	0.00	5.05	12
PC2	2022	0.68	0.66	0.00	2.48	12
PC3	2022	1.22	0.68	0.30	1.74	4
PC4	2022	1.87	2.83	0.00	6.09	4
PNC1	2022	2.03	1.60	0.00	5.41	12
PNC2	2022	2.25	2.09	0.00	5.92	12
VLCS	2022	1.87	1.03	0.50	2.84	4
VLN	2022	2.08	0.96	1.34	3.49	4

		TPN (mg/l)				
Corpo idrico	Anno	Media	Dev.St.	Minimo	Massimo	N
EC	2022	0.12	0.08	0.05	0.3	12
ENC1	2022	0.05	0.02	0.02	0.09	24
ENC2	2022	0.05	0.03	0.02	0.1	8
ENC3	2022	0.06	0.02	0.05	0.09	4
ENC4	2022	0.06	0.03	0.02	0.12	8
PC1	2022	0.13	0.11	0.02	0.4	12
PC2	2022	0.08	0.03	0.03	0.14	12
PC3	2022	0.12	0.04	0.09	0.18	4
PC4	2022	0.06	0.03	0.03	0.1	4
PNC1	2022	0.13	0.10	0.02	0.36	12
PNC2	2022	0.11	0.07	0.03	0.22	12
VLCS	2022	0.21	0.16	0.08	0.44	4
VLN	2022	0.12	0.03	0.08	0.14	4

		DOC (mg/l)				
Corpo idrico	Anno	Media	Dev.St.	Minimo	Massimo	N
EC	2022	2.9	1.3	1.4	6.2	12
ENC1	2022	2.1	0.8	0.5	3.5	24
ENC2	2022	1.7	0.7	0.5	2.5	8
ENC3	2022	2.3	0.6	1.5	2.8	4
ENC4	2022	1.6	0.6	1.0	2.6	8
PC1	2022	2.7	1.1	1.2	4.9	12
PC2	2022	2.6	1.6	0.5	6	12
PC3	2022	2.9	1.0	1.9	4.2	4
PC4	2022	2.5	1.3	1.5	4.3	4
PNC1	2022	2.0	0.8	0.5	3.4	12
PNC2	2022	2.0	0.6	1.0	3.3	12
VLCS	2022	4.3	1.6	2.8	6.4	4
VLN	2022	5.8	2.3	3.6	9.1	4

		TDN (mg/l)				
Corpo idrico	Anno	Media	Dev.St.	Minimo	Massimo	N
EC	2022	0.37	0.13	0.21	0.69	12
ENC1	2022	0.25	0.07	0.15	0.446	24
ENC2	2022	0.26	0.05	0.19	0.349	8
ENC3	2022	0.29	0.11	0.18	0.43	4
ENC4	2022	0.24	0.06	0.17	0.358	8
PC1	2022	0.48	0.12	0.26	0.695	12
PC2	2022	0.41	0.13	0.26	0.682	12
PC3	2022	0.64	0.69	0.19	1.668	4
PC4	2022	0.65	0.14	0.44	0.761	4
PNC1	2022	0.42	0.07	0.30	0.524	12
PNC2	2022	0.41	0.18	0.20	0.787	12
VLCS	2022	0.61	0.29	0.40	1.028	4
VLN	2022	0.87	0.26	0.61	1.203	4

		Solfuri liberi (mg/l)		
Corpo idrico	Anno	Media	Dev.St.	N
EC	2022	<0.1	NC	12
ENC1	2022	<0.1	NC	24
ENC2	2022	<0.1	NC	8
ENC3	2022	<0.1	NC	4
ENC4	2022	<0.1	NC	8
PC1	2022	<0.1	NC	12
PC2	2022	<0.1	NC	12
PC3	2022	<0.1	NC	4
PC4	2022	<0.1	NC	4
PNC1	2022	<0.1	NC	12
PNC2	2022	<0.1	NC	12
VLCS	2022	<0.1	NC	4
VLN	2022	<0.1	NC	4

ALLEGATO 2

Dati di ossigeno disciolto rilevati dalla Rete Samanet, attraverso le sonde multiparametriche, in continuo con una frequenza temporale semi-oraria, per gli anni 2020, 2021 e 2022, trasmessi dal Provveditorato Interregionale per le Opere Pubbliche per il Veneto, Trentino Alto Adige e Friuli Venezia Giulia - Ex Magistrato alle Acque – Venezia.

Legenda:

-  valori di ossigeno disciolto < 1 mg/l
-  valori di ossigeno disciolto compresi tra 1 e 2 mg/l
-  valori di ossigeno disciolto > 2 mg/l
-  dato assente

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l
1/1/20		9,15			7,30				10,28		3/1/20		9,86			6,77				9,26		5/1/20		8,68				8,17				11,02
1/1/20		9,22			7,17				10,25		3/1/20		9,56			6,87				9,77		5/1/20		8,67				8,09				10,77
1/1/20		9,32			7,09				10,21		3/1/20		9,79			6,85				10,18		5/1/20		8,74				8,04				10,67
1/1/20		9,41			6,97				10,17		3/1/20		9,67			6,88				10,47		5/1/20		8,73				7,39				10,53
1/1/20		9,40			6,89				10,11		3/1/20		9,36			6,96				10,84		5/1/20		8,85				6,96				10,45
1/1/20		9,53			6,80				10,04		3/1/20		9,06			7,06				10,94		5/1/20		8,95				6,57				10,37
1/1/20		9,41			6,46				9,89		3/1/20		9,08			7,10				11,09		5/1/20		8,94				6,90				10,20
1/1/20		9,39			6,31				9,71		3/1/20		9,24			7,22				11,16		5/1/20		9,58				6,79				10,27
1/1/20		9,35			5,75				9,59		3/1/20		9,36			7,33				11,20		5/1/20		9,64				6,90				10,42
1/1/20		9,37			6,34				9,53		3/1/20		9,62			7,52				11,24		5/1/20		9,34				7,11				10,56
1/1/20		9,35			6,52				9,43		3/1/20		9,84			7,59				11,40		6/1/20		9,03				7,21				10,58
1/1/20		10,88			6,45				9,46		3/1/20		10,03			7,52				11,73		6/1/20		9,17				7,74				10,53
1/1/20		10,10			6,58				9,44		3/1/20		9,92			7,59				11,74		6/1/20		9,67				7,97				10,52
1/1/20		9,77			6,40				9,33		3/1/20		10,21			7,55				11,60		6/1/20		9,87				7,84				10,77
1/1/20		9,66			6,53				9,34		3/1/20		10,26			7,93				11,76		6/1/20		9,66				7,32				10,61
1/1/20		9,48			6,50				9,46		3/1/20		10,30			7,49				11,61		6/1/20		9,89				7,23				10,61
1/1/20		9,68			6,50				9,60		3/1/20		10,17			7,33				11,59		6/1/20		9,43				7,43				10,48
1/1/20		9,61			6,54				9,73		3/1/20		10,23			7,19				11,22		6/1/20		8,92				7,13				10,38
1/1/20		9,39			6,59				9,94		3/1/20		10,06			7,27				11,64		6/1/20		8,86				6,98				10,21
1/1/20		9,33			6,70				10,14		3/1/20		10,14			7,60				11,48		6/1/20		8,79				6,63				10,05
1/1/20		9,27			6,54				10,10		3/1/20		10,75			7,43				11,43		6/1/20		8,78				6,50				9,87
1/1/20		9,32			6,56				9,95		3/1/20		11,08			7,53				11,40		6/1/20		8,80				6,57				9,62
1/1/20		9,34			6,62				9,76		3/1/20		11,27			7,47				11,45		6/1/20		9,26				5,96				9,37
1/1/20		9,27			6,92				9,68		3/1/20		10,99			7,48				11,45		6/1/20		9,35				5,65				9,08
1/1/20		9,37			7,02				9,61		3/1/20		10,51			7,42				11,69		6/1/20		9,00				5,55				8,84
1/1/20		9,41			7,05				9,40		3/1/20		10,53			7,35				11,48		6/1/20		8,87				5,30				8,68
1/1/20		9,48			6,84				9,23		3/1/20		10,60			7,29				11,23		6/1/20		8,79				5,85				8,77
1/1/20		9,62			6,71				9,26		3/1/20		10,10			7,47				11,34		6/1/20		8,87				6,35				8,45
1/1/20		9,68			6,68				9,06		3/1/20		9,72			7,38				11,18		6/1/20		9,52				6,36				8,57
1/1/20		9,91			7,03				9,41		4/1/20		9,48			7,40				10,54		6/1/20		9,47				6,36				9,08
1/1/20		10,33			8,28				10,24		4/1/20		10,18			7,40				10,29		6/1/20		9,07				6,64				9,36
1/1/20		9,81			7,93				10,42		4/1/20		10,30			7,34				10,15		6/1/20		9,00				6,62				9,77
1/1/20		9,76			7,83				11,36		4/1/20		9,98			7,25				10,01		6/1/20		9,05				6,81				10,29
1/1/20		9,79			7,49				11,69		4/1/20		9,72			7,19				9,72		6/1/20		9,01				7,19				10,56
1/1/20		9,52			7,42				11,27		4/1/20		9,66			7,03				9,47		6/1/20		9,01				7,41				10,73
1/1/20		9,29			7,34				10,85		4/1/20		9,59			6,46				9,02		6/1/20		9,01				7,48				10,90
1/1/20					7,32				11,06		4/1/20		9,52			6,07				8,75		6/1/20		9,01				7,71				11,30
1/1/20					7,38				11,40		4/1/20		9,48			6,09				8,62		6/1/20		9,01				7,49				11,64
1/1/20					7,48				11,34		4/1/20		9,60			6,05				8,54		6/1/20		9,01				8,02				12,17
1/1/20					7,62				11,41		4/1/20		9,40			6,40				8,47		6/1/20		9,01				8,30				12,44
1/1/20					7,58				11,23		4/1/20		9,20			5,71				8,37		6/1/20		9,01				7,75				12,63
1/1/20					7,57				11,02		4/1/20		9,04			5,67				8,20		6/1/20		9,01				8,62				12,74
1/1/20					7,69				10,82		4/1/20		8,78			5,68				8,04		6/1/20		9,01				8,51				12,58
1/1/20					7,44				10,68		4/1/20		8,56			5,80				8,02		6/1/20		9,01				7,43				12,62
1/1/20					7,51				10,48		4/1/20		9,52			6,46				8,60		6/1/20		9,01				8,81				12,43
1/1/20					7,48				10,40		4/1/20		9,14			6,39				9,17		6/1/20		9,01				8,37				12,29
1/1/20					7,22				10,44		4/1/20					6,38				9,50		6/1/20		9,01				8,38				12,01
1/1/20		9,33			6,97				10,48		4/1/20		10,24			6,44				9,19		6/1/20		9,01				8,13				11,27
2/1/20		9,42			6,94				10,52		4/1/20		9,99			6,54				9,19		6/1/20		9,75				7,98				11,24
2/1/20		9,19			6,96				10,61		4/1/20		9,85			6,62				9,82		6/1/20		9,76				7,82				11,20
2/1/20		9,14			7,20				10,56		4/1/20		9,78			6,74				10,37		6/1/20		9,77				7,31				10,96
2/1/20		9,14			7,15				10,54		4/1/20		9,75			6,94				10,59		6/1/20		9,68				7,00				10,78
2/1/20		9,15			6,92				10,48		4/1/20		9,36			7,16				10,95		6/1/20		9,71				7,01				10,60
2/1/20		9,46			6,91				10,32		4/1/20		9,36			7,37				11,07		6/1/20		9,61				6,33				10,43
2/1/20		10,03			6,72				10,15		4/1/20		9,24			7,59				11,10		6/1/20		9,68				6,15				10,24
2/1/20		10,37			6,75				9,91		4/1/20					7,72				11,21		6/1/20		10,13				6,06				10,03
2/1/20		10,41			6,77				9,73		4/1/20					7,91				11,73		6/1/20		10,24				6,21				9,95
2/1/20		10,16			6,51				9,56		4/1/20																					

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l
15/1/20	8,54	9,75			6,76				10,01		17/1/20	11,28	11,80		8,55				13,42	11,64		20/1/20	9,89	9,97			6,51				11,00	9,36
15/1/20	8,65	9,75			6,75				10,26		17/1/20	11,43	11,03		9,05				13,25	12,31		20/1/20	9,78	9,87			6,43				10,87	9,11
15/1/20	9,24	9,64			6,68				10,28		17/1/20	11,67	10,53		8,76				13,10	12,67		20/1/20	9,81	9,78			6,36				10,69	8,88
15/1/20	9,72	9,66			6,68				10,13		17/1/20	11,84	11,12		8,34				12,86	12,32		20/1/20	9,69	9,44			6,38				10,63	8,67
15/1/20	10,23	9,96			6,67				10,01		17/1/20	12,27			8,14				12,57	12,28		20/1/20	9,60	9,47			6,28				10,65	8,50
15/1/20	10,76	10,40			6,86				9,80		17/1/20	13,02	11,32		8,15				11,93	12,20		20/1/20	9,54	9,60			6,21				10,55	8,36
15/1/20	11,49	10,64			7,06				9,74		17/1/20	13,09	11,12		8,55				11,90	12,18		20/1/20	9,48	9,75			6,17				10,45	8,24
15/1/20	11,90	10,65			7,25				9,49		17/1/20	12,99	11,05		8,71				12,35	12,22		20/1/20	9,65	9,59			6,23				10,37	8,21
15/1/20	12,85	10,73			6,70				9,36		17/1/20	12,94	12,01		8,46				11,84	12,02		20/1/20	9,85	9,54			6,34				10,28	8,25
15/1/20	12,44	10,85			6,67				9,23		17/1/20	13,00	10,87		8,51				11,71	11,88		20/1/20	9,65	9,53			6,35				10,17	8,26
15/1/20	11,36	11,05			6,57				9,14		17/1/20	12,81	11,19		8,37				11,51	11,77		20/1/20	9,94	9,67			6,40				10,15	8,26
15/1/20	10,59	10,95			6,58				9,14		18/1/20	12,75	11,56		7,99				12,20	11,24		20/1/20	10,37	9,52			6,49				10,15	8,41
15/1/20	9,79	11,17			6,64				9,41		18/1/20	13,06	11,32		7,90				11,95	11,04		20/1/20	10,43	9,48			6,61				11,28	8,78
15/1/20	9,68	11,15			7,01				10,00		18/1/20	13,31	11,31		7,88				11,76	10,52		20/1/20	10,50	9,49			6,69				11,91	9,33
15/1/20	9,69	9,60			7,18				10,49		18/1/20	13,68	11,07		7,85				11,68	10,06		20/1/20	10,39	9,47			6,74				11,58	9,88
15/1/20	9,93	9,70			7,14				11,14		18/1/20	13,78	11,23		7,97				11,85	9,71		20/1/20	10,55	9,23			6,85				11,76	10,28
15/1/20	10,08	9,85			7,27				11,42		18/1/20	13,29	11,12		7,54				11,89	9,41		20/1/20	10,87	9,33			6,91				11,94	10,64
15/1/20	10,31				7,47				12,01		18/1/20	12,16	11,12		6,27				11,84	9,14		20/1/20	11,32	9,42			7,00				11,37	11,36
15/1/20	10,37				7,58				12,73		18/1/20	11,72	11,23		6,15				11,60	8,98		20/1/20	11,92				7,19				11,06	11,34
15/1/20	10,33				7,73				12,80		18/1/20	11,38	11,09		6,61				11,46	8,84		20/1/20	12,63				7,35				10,67	11,78
15/1/20	10,22				7,81				12,54		18/1/20	10,97	10,95		5,52				11,31	8,77		20/1/20	13,10				7,56				11,18	12,22
15/1/20	10,11				7,84				12,21		18/1/20	11,09	10,52		5,10				11,21	8,72		20/1/20	13,70				7,62				11,61	12,62
15/1/20	9,91				7,72				11,86		18/1/20	11,22	9,73		5,36				11,33	8,58		20/1/20	14,66				7,67				11,90	12,70
15/1/20	9,51				7,78				11,76		18/1/20	11,72	9,25		5,18				11,21	8,40		20/1/20	14,45				7,64				11,67	12,74
15/1/20	9,14				7,57				11,60		18/1/20	10,96	9,20		5,11				10,97	8,37		20/1/20	14,30				7,53				11,81	12,57
15/1/20	8,75				7,61				11,58		18/1/20	10,65	9,14		5,35				11,06	8,18		20/1/20	14,05				7,58				12,22	12,27
15/1/20	8,44				7,63				11,36		18/1/20	10,49	9,40		5,91				11,42	8,48		20/1/20	13,81				7,65				11,94	12,00
15/1/20	8,29				7,56				11,47		18/1/20	10,45	10,61		6,14				11,44	8,41		20/1/20	13,36				7,60				11,81	11,81
15/1/20	8,84				7,48				11,22		18/1/20	10,42	10,22		6,50				12,24	8,65		20/1/20	12,66				7,38				11,47	11,61
15/1/20	9,18	9,45			7,37				11,10		18/1/20	10,57	10,10		6,76				12,76	9,00		20/1/20	12,08	9,42			7,09				11,50	11,32
16/1/20	9,22	10,12			7,32				11,03		18/1/20	10,77	10,16		6,89				12,37	9,38		20/1/20	11,92	9,34			6,93				11,83	11,21
16/1/20	9,56	10,45			7,24				10,84		18/1/20	10,75	10,64		6,92				12,40	9,52		20/1/20	11,54	9,26			6,86				11,92	10,81
16/1/20	10,21	10,32			7,15				10,69		18/1/20	10,51	10,55		6,99				12,07	9,76		20/1/20	10,88	9,11			6,83				12,02	10,57
16/1/20	10,86	10,44			7,07				10,39		18/1/20	10,32	10,49		7,04				12,12	10,15		20/1/20	10,03	9,11			6,79				12,18	10,33
16/1/20	11,31	10,45			6,97				9,96		18/1/20	10,51	10,23		7,05				11,70	10,49		20/1/20	10,11	9,08			6,83				12,07	10,07
16/1/20	11,15	10,41			6,87				9,64		18/1/20	10,80	10,31		7,04				11,40	10,82		20/1/20	10,98	9,35			6,98				12,04	9,75
16/1/20	11,04	10,48			6,48				9,46		18/1/20	10,83	10,54		7,04				11,34	10,92		20/1/20	11,75	9,24			6,99				11,88	9,45
16/1/20	10,69	10,29			6,46				9,26		18/1/20	10,83	10,42		7,05				11,22	10,92		20/1/20	12,42	9,16			6,93				11,71	9,26
16/1/20	9,83	10,13			6,29				8,97		18/1/20	10,67	10,24		7,07				11,16	10,96		20/1/20	11,82	9,18			6,84				11,57	9,11
16/1/20	9,22	10,26			6,24				8,86		18/1/20	10,62	10,32		7,07				11,08	11,02		20/1/20	11,49	9,34			6,86				11,47	9,02
16/1/20	9,48	10,21			6,25				8,96		18/1/20	10,56	10,27		7,00				11,08	11,12		21/1/20	11,31	9,35			6,88				11,39	8,96
16/1/20	9,94	10,38			6,32				8,71		18/1/20	10,55	10,28		6,98				11,42	11,09		21/1/20	10,99	9,08			6,89				11,25	8,95
16/1/20	9,95	10,59			6,36				8,67		18/1/20	10,59	10,14		6,98				11,23	10,90		21/1/20	11,06	9,15			6,85				11,30	9,08
16/1/20	9,87	10,52			6,51				8,89		18/1/20	10,62	10,08		6,95				11,12	10,82		21/1/20	11,23	9,19			6,81				11,26	9,33
16/1/20	9,89	10,53			6,68				9,14		18/1/20	10,65	9,99		6,93				11,23	10,66		21/1/20	11,23	9,13			6,82				11,32	9,52
16/1/20	9,86	10,66			6,64				9,76		18/1/20	10,63	9,99		6,81				11,26	10,25		21/1/20	11,10	9,05			6,82				10,94	9,59
16/1/20	9,62	10,57			6,70				9,90		18/1/20	10,60	10,02		6,78				11,21	10,24		21/1/20	10,95	8,97			6,85				11,15	9,54
16/1/20	9,34	10,39			6,76				10,08		18/1/20	10,54	9,95		6,79				11,10	10,14		21/1/20	10,81	9,01			6,80				11,14	9,35
16/1/20	9,34	10,05			6,81				10,34		18/1/20	10,60	9,86		6,76				11,14	10,02		21/1/20	10,74	9,04			6,73				11,02	9,37
16/1/20	9,57				6,87				10,50		18/1/20	10,76	9,83		6,71				11,44	9,95		21/1/20	10									

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l
22/1/20	11.73	9.47			7.78			11.83	10.88		24/1/20	12.56	10.62			7.02			12.78	10.09	11.20	27/1/20	9.55	9.41			6.57			10.45	9.54	10.83
22/1/20	12.33				7.74			11.58	11.67		24/1/20	12.39	10.77			7.03			12.32	9.81	11.18	27/1/20	9.67	9.64			6.53			10.62	9.48	10.78
22/1/20	13.24				7.83			12.25	11.88		25/1/20	12.55	10.75			6.63			12.02	9.45	11.20	27/1/20	9.95	9.60			6.50			10.66	9.40	10.65
22/1/20	14.13				7.90			12.12	12.21		25/1/20	12.27	10.60			6.58			12.08	8.87	11.24	27/1/20	10.21	9.70			6.48			10.67	9.22	10.58
22/1/20	15.31				7.94			11.62	12.42		25/1/20	11.90	10.55			6.52			12.41	8.46	11.23	27/1/20	10.49	9.72			6.49			10.65	9.03	10.51
22/1/20	16.59				7.97			11.78	12.36		25/1/20	12.10	10.63			6.57			12.35	8.71	11.16	27/1/20	10.77	9.73			6.52			10.61	8.80	10.49
22/1/20	16.85				7.95			12.19	12.32		25/1/20	11.48	10.62			6.66			12.48	8.56	11.07	27/1/20	11.00	9.72			6.20			10.66	8.58	10.44
22/1/20	16.48				8.00			12.46	12.28		25/1/20	11.57	11.15			6.76			11.68	8.75	11.09	27/1/20	11.51	9.57			5.93			10.60	8.33	10.39
22/1/20	16.38				8.02			12.67	12.14		25/1/20	11.55	11.30			6.77			11.56	8.63	11.09	27/1/20	11.05	9.67			5.92			10.69	8.15	10.35
22/1/20	16.36				7.97			12.85	12.12		25/1/20	11.38	11.28			6.82			12.24	9.11	11.08	27/1/20	10.72	10.12			6.41			10.76	8.32	10.39
22/1/20	16.36				7.86			12.90	11.82		25/1/20	10.84	10.82			6.89			12.17	9.55	11.08	27/1/20	10.72	10.07			6.88			10.80	8.76	10.41
22/1/20	16.45				7.87			12.87	11.82		25/1/20	10.56	10.32			6.96			12.11	9.78	11.12	27/1/20	11.28	9.77			6.97			10.70	8.96	10.48
22/1/20	16.08				8.07			12.41	11.77		25/1/20	10.46	10.40			6.95			11.90	9.81	11.16	27/1/20	11.13	10.21			7.00			11.25	9.39	10.55
22/1/20	16.02	9.18			7.63			12.36	11.08		25/1/20	10.33	10.23			6.94			11.72	9.93	11.23	27/1/20	10.93	10.29			7.18			11.27	10.14	10.47
22/1/20	15.60	10.03			7.61			12.17	10.98		25/1/20	10.41	10.10			6.87			11.65	9.93	11.19	27/1/20	10.77	10.60			7.37			11.16	10.96	10.70
22/1/20	15.65	10.69			7.49			12.38	10.90		25/1/20	10.28	10.42			6.83			11.54	9.92	11.19	27/1/20	10.40	10.58			7.52			11.13	10.93	10.87
22/1/20	15.34	10.60			7.44			12.61	10.78		25/1/20	10.21	10.24			6.69			11.56	9.76	11.15	27/1/20	10.26				7.79			10.86	11.34	11.05
22/1/20	15.04	10.62			7.45			12.56	10.62		25/1/20	10.31	10.23			6.51			11.49	9.97	11.13	27/1/20	10.12				8.04			10.85	11.67	11.06
22/1/20	14.69	10.89			7.33			12.56	10.30		25/1/20	10.58	10.08			6.45			11.45	9.76	11.04	27/1/20	9.95				8.16			10.91	11.47	11.08
22/1/20	14.61	11.12			7.27			12.32	9.99		25/1/20	10.75	10.00			6.43			11.46	9.61	10.99	27/1/20	9.80				8.07			10.90	11.35	11.04
22/1/20	12.90	10.59			6.79			12.10	9.78		25/1/20	10.87	10.00			6.47			11.32	9.90	10.96	27/1/20	9.72				7.91			10.94	11.17	10.87
22/1/20	11.93	10.60			6.70			12.05	9.54		25/1/20	10.89	9.89			6.52			11.27	8.92	10.88	27/1/20	9.64				7.88			10.90	10.97	10.88
23/1/20	11.24	10.65			6.69			12.43	9.23		25/1/20	11.01	9.71			6.41			11.29	8.66	10.87	27/1/20	9.67				7.91			10.90	10.80	10.97
23/1/20	11.84	10.61			6.67			12.55	8.99		25/1/20	11.14	9.73			6.38			11.11	8.46	10.89	27/1/20	9.56				7.81			10.97	10.75	11.39
23/1/20	10.62	10.55			6.74			11.75	9.03		25/1/20	11.38	9.80			6.61			11.05	8.32	10.87	27/1/20	9.51				7.75			10.95	10.82	11.68
23/1/20	10.47	11.51			6.80			11.63	9.04		25/1/20	11.45	9.97			6.62			11.19	8.27	10.84	27/1/20	9.51				7.70			10.95	10.94	12.13
23/1/20	10.53	12.36			6.78			12.77	9.31		25/1/20	11.13	10.36			6.63			11.14	8.63	10.85	27/1/20	9.48				7.50			11.00	10.31	11.82
23/1/20	10.31	11.47			6.80			12.70	9.54		25/1/20	11.17	10.42			6.74			11.21	8.83	10.86	27/1/20	10.35	9.51			7.45			11.08	10.49	11.65
23/1/20	10.25	11.37			6.94			12.60	9.79		25/1/20	11.34	10.58			6.64			11.67	8.52	10.85	27/1/20	10.77	9.52			7.12			11.31	10.49	11.29
23/1/20	10.14	10.77			6.95			12.36	9.90		25/1/20	11.77	10.16			6.77			12.29	9.09	10.78	27/1/20	11.05	9.72			6.95			11.50	10.46	11.14
23/1/20	9.91	10.03			6.92			11.88	9.93		25/1/20	11.41	10.30			6.77			12.86	10.10	10.88	27/1/20	11.22	9.88			6.81			11.79	10.34	11.06
23/1/20	9.83	9.94			7.01			11.49	9.93		25/1/20	10.84	10.25			6.93			12.31	10.59	10.89	28/1/20	11.34	9.48			6.08			11.86	10.05	11.00
23/1/20	9.89	9.91			6.99			11.40	9.87		25/1/20	10.81	10.06			7.03			12.02	11.06	10.96	28/1/20	11.22	8.91			5.98			11.74	9.62	10.81
23/1/20	9.82	9.94			6.85			11.42	9.82		25/1/20	10.50	10.04			7.23			11.93	11.11	11.03	28/1/20	11.14	9.61			5.92			11.56	9.32	10.69
23/1/20	9.76	9.96			6.62			11.48	9.94		25/1/20	10.64				7.46			11.90	11.30	11.09	28/1/20	11.11	9.88			5.89			11.25	9.04	10.64
23/1/20	9.67	10.11			6.53			11.65	9.95		25/1/20	10.56				7.47			11.40	11.46	11.14	28/1/20	10.58	9.82			5.92			11.01	8.63	10.61
23/1/20	9.49	10.10			6.53			11.70	9.88		25/1/20	10.48				7.50			11.41	11.48	11.19	28/1/20	9.72	9.78			5.89			10.81	8.33	10.59
23/1/20	9.42	10.31			6.59			11.39	9.57		25/1/20	10.30				7.50			11.58	11.39	11.20	28/1/20	9.35	9.81			5.88			10.79	8.50	10.56
23/1/20	9.48	10.32			6.51			11.31	9.31		25/1/20	10.22				7.53			11.80	11.27	11.18	28/1/20	9.00	9.71			5.99			10.88	7.97	10.50
23/1/20	9.77	10.22			6.60			11.36	9.07		25/1/20	10.14				7.50			11.88	11.13	11.21	28/1/20	8.89	9.60			6.10			10.69	8.33	10.61
23/1/20	10.33	10.17			6.70			11.38	8.86		25/1/20	10.11				7.33			12.05	11.02	11.37	28/1/20	8.81	9.51			6.17			10.47	8.41	10.59
23/1/20	11.08	9.99			6.68			11.34	8.69		25/1/20	10.20				7.24			12.10	11.07	11.43	28/1/20	8.94	9.59			6.29			10.37	8.58	10.58
23/1/20	11.62	10.14			6.67			11.28	8.72		25/1/20	10.25				7.22			12.18	11.07	11.50	28/1/20	8.83	9.53			6.40			10.41	8.65	10.64
23/1/20	11.60	10.46			6.67			11.37	9.32		25/1/20	10.21				7.12			11.92	11.14	11.61	28/1/20	8.78	9.49			6.47			10.57	8.88	10.48
23/1/20	11.63	10.23			6.76			11.36	8.85		25/1/20	10.21	9.77			7.14			11.83	10.80	11.55	28/1/20	8.77	9.41			6.50			10.65	9.07	10.45
23/1/20	11.69	10.19			6.81			13.19	10.09	10.60	25/1/20	10.31	9.65			7.11			11.98	10.66	11.56	28/1/20	8.60	9.26			6.47			10.46	9.18	10.55
23/1/20	11.71	10.28			6.85			12.85	10.98	10.61	25/1/20																					

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l
29/1/20	9,26				6,84			10,10	10,64	10,31	1/2/20	9,17	10,17			6,35			11,31	8,57	10,03	3/2/20	9,89	10,22			7,28			11,54	12,50	11,72
29/1/20	9,16				6,89			10,04	10,84	10,38	1/2/20	9,11	9,94			6,39			11,23	8,64	9,98	3/2/20	11,18	9,78			7,31			11,31	12,48	11,35
29/1/20	9,02				6,88			9,98	10,80	10,34	1/2/20	8,84	9,87			6,42			11,17	8,54	10,00	3/2/20	12,92	9,45			7,17			10,83	12,46	12,04
29/1/20	8,98				6,98			9,99	10,64	10,29	1/2/20	8,78	9,98			6,53			11,15	8,58	10,05	3/2/20	13,84	9,89			7,75			10,75	12,45	11,42
29/1/20	8,98				6,86			9,96	10,48	10,22	1/2/20	8,92	10,03			6,54			10,90	8,79	10,15	3/2/20	14,51	9,72			7,67			11,11	12,45	11,50
29/1/20	9,26				6,90			10,01	10,33	10,29	1/2/20	9,22	10,07			6,57			10,64	9,14	10,29	3/2/20	15,13	9,95			7,52			10,73	12,45	11,52
29/1/20	9,47				6,76			10,19	10,25	10,93	1/2/20	8,32	9,99			6,56			10,50	8,99	10,22	3/2/20	13,97	10,15			8,34			10,65	12,48	11,08
29/1/20	9,56	8,44			6,43			10,68	10,40	10,94	1/2/20	7,79	10,01			6,54			10,43	9,03	10,75	3/2/20	13,33	10,25			8,47			10,69	10,45	11,66
29/1/20	9,77	8,34			6,38			11,08	9,76	10,61	1/2/20	8,61	9,44			6,56			10,33	9,00	10,59	3/2/20	14,08	9,99			7,93			10,94	10,74	11,13
29/1/20	9,71	8,29			6,50			10,66	9,98	10,67	1/2/20	9,27	9,14			6,56			10,34	9,41	10,96	3/2/20	14,04	11,29			7,43			10,95	10,66	10,72
29/1/20	9,87	8,27			6,64			10,99	9,94	10,50	1/2/20	9,45	9,09			6,55			10,36	9,81	11,02	3/2/20	13,78	11,34			7,21			11,37	10,34	10,66
29/1/20	9,86	8,37			6,51			11,04	9,85	10,38	1/2/20	9,31	9,07			6,56			10,45	10,24	10,77	3/2/20	13,50	11,18			7,05			11,85	10,13	10,75
30/1/20		8,48			6,50			11,26	9,70	10,32	1/2/20	9,27	9,06			6,53			10,62	10,92	10,67	3/2/20	13,14	11,44			6,96			12,23	9,83	10,75
30/1/20		8,71			5,85			11,17	9,43	10,26	1/2/20	9,44	9,14			6,55			10,76	11,18	10,52	3/2/20	12,80	11,48			6,52			12,27	9,61	10,62
30/1/20		8,98			5,75			11,10	9,04	10,12	1/2/20	9,68	9,59			6,55			10,69	11,23	10,54	3/2/20	12,39	11,90			6,49			12,12	9,48	10,53
30/1/20		9,02			5,74			10,92	8,76	10,10	1/2/20	9,60	9,80			6,59			10,70	11,15	10,58	3/2/20	12,20	11,89			6,90			12,04	9,34	10,55
30/1/20		9,08			5,74			10,78	8,57	10,09	1/2/20	9,21	9,39			6,60			10,79	10,67	10,34	3/2/20	11,99	10,96			6,89			11,97	9,47	10,53
30/1/20		9,04			5,75			10,57	8,40	10,08	1/2/20	9,59	9,33			6,63			10,92	10,47	10,37	3/2/20	11,62	10,68			7,15			11,78	9,18	11,35
30/1/20		9,09			5,75			10,49	8,24	10,05	1/2/20	10,00	9,41			6,78			10,79	9,78	10,60	3/2/20	11,53	10,71			7,35			11,90	9,27	10,82
30/1/20		9,06			6,12			10,46	8,25	10,15	1/2/20	9,66	9,52			6,88			10,78	9,75	9,96	3/2/20	11,19	10,40			7,61			11,84	9,27	11,18
30/1/20		9,03			6,24			10,47	8,26	9,98	1/2/20	9,48	9,67			6,95			10,82	9,52	9,97	3/2/20	10,87	10,62			7,67			11,68	8,99	10,49
30/1/20		9,03			6,17			9,96	8,46	10,05	1/2/20	9,50	9,58			6,92			10,88	9,24	10,06	3/2/20	10,30	9,98			7,43			11,64	8,87	10,41
30/1/20		9,27			6,16			9,83	8,41	10,24	1/2/20	10,22	9,57			7,11			10,86	9,06	10,11	4/2/20	9,97	10,80			7,58			11,44	8,82	12,38
30/1/20		8,82			6,24			9,73	8,58	10,24	1/2/20	10,36	9,95			6,97			10,94	8,91	10,19	4/2/20	9,84	10,94			7,22			11,36	8,81	10,30
30/1/20		8,50			6,24			9,80	8,87	10,23	1/2/20	9,83	10,08			6,51			10,90	8,84	10,18	4/2/20	9,94	10,77			7,43			11,34	9,02	10,49
30/1/20		8,50			6,24			9,76	8,68	10,04	1/2/20	9,42	10,19			6,77			10,90	8,90	10,13	4/2/20	10,18	10,76			7,37			11,12	8,78	10,40
30/1/20		8,47			6,25			10,14	8,80	9,99	1/2/20	9,48	9,58			7,58			10,91	9,39	10,14	4/2/20	10,09	10,58			6,42			11,07	8,97	10,39
30/1/20		8,40			6,28			10,43	8,97	9,98	1/2/20	9,50	9,80			7,84			10,99	9,25	10,37	4/2/20	10,00	10,92			7,01			11,10	9,31	10,38
30/1/20		8,38			6,26			10,26	9,03	9,95	1/2/20	9,11	9,60			7,50			11,37	9,21	10,54	4/2/20	10,00	10,44			6,59			11,10	9,20	10,29
30/1/20		8,36			6,25			10,19	9,12	10,06	1/2/20	8,78	10,30			7,54			11,28	9,62	10,79	4/2/20	10,03	10,54			6,45			11,09	8,80	10,09
30/1/20		8,42			6,20			10,14	9,21	10,27	1/2/20	9,59	9,58			7,43			10,96	10,39	10,92	4/2/20	9,68	10,77			6,22			11,03	8,56	9,96
30/1/20		8,42			6,20			10,10	9,17	10,16	1/2/20	8,34	9,94			7,40			10,82	11,07	10,76	4/2/20	9,58	10,56			6,32			10,62	8,44	9,89
30/1/20		8,44			6,14			10,18	9,21	10,41	1/2/20	8,19	10,45			7,26			10,71	11,20	10,53	4/2/20	9,31	10,39			6,31			10,67	8,33	9,94
30/1/20		8,50			6,06			10,18	9,21	10,11	1/2/20	7,99	10,31			7,12			10,55	11,59	10,43	4/2/20	9,25	10,22			6,50			10,61	8,22	10,04
30/1/20		8,51			6,26			10,20	8,95	10,11	1/2/20	7,66	10,32			7,27			10,53	11,85	10,41	4/2/20	9,26	9,91			6,02			10,62	8,13	10,11
30/1/20		8,71			6,42			10,20	8,95	10,06	1/2/20	7,44	10,29			7,28			10,43	11,79	10,42	4/2/20	8,87	9,12			6,88			10,60	8,05	10,21
30/1/20		8,81			6,52			10,27	8,85	10,02	1/2/20	7,08	10,54			7,31			10,36	11,55	10,51	4/2/20	8,73	8,98			5,77			10,59	7,99	10,33
30/1/20		9,00			6,54			10,29	8,74	9,99	1/2/20	7,17	10,28			7,31			10,01	11,60	10,56	4/2/20	8,70	8,74			7,17			10,56	8,05	10,34
30/1/20		9,23			6,61			10,30	8,65	9,92	1/2/20	7,17	10,23			7,23			10,26	11,21	10,52	4/2/20	8,82	8,63			6,99			10,60	8,05	10,15
30/1/20		9,57			6,12			10,35	8,52	9,92	1/2/20	8,32	10,09			7,09			10,25	10,84	10,43	4/2/20	8,89	8,59			6,98			10,70	8,11	9,95
30/1/20		9,68			6,08			10,37	8,43	9,90	1/2/20	8,65	9,94			6,88			10,75	10,23	10,23	4/2/20	9,02	8,63			7,19			10,86	8,14	10,92
30/1/20		9,02			6,09			10,53	8,62	10,12	2/2/20	8,58	9,92			6,86			11,01	10,05	10,25	4/2/20	9,54	8,77			7,20			10,76	8,13	9,76
30/1/20		8,70			6,54			10,55	9,03	10,07	2/2/20	8,32	9,67			7,00			10,70	9,64	10,08	4/2/20	9,32	8,91			7,14			10,93	8,31	9,70
30/1/20		8,54			6,76			10,69	9,10	10,02	2/2/20	8,34	9,63			7,13			10,73	9,27	10,10	4/2/20	9,40	9,67			7,12			10,85	8,49	10,09
30/1/20		8,49			7,02			11,09	9,91	10,05	2/2/20	8,34	9,86			6,99			10,69	9,04	10,02	4/2/20	9,33	9,95			7,10			11,07	8,62	10,05
30/1/20		8,54			7,03			11,59	10,72	10,06	2/2/20	8,24	10,00			6,80			10,76	8,93	9,99	4/2/20	8,87	9,63			7,08			10,87	8,96	9,94
30/1/20		8,60			6,79			11,00	11,09	10,06	2/2/20	8,14																				

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l
5/2/20	10.24	8.39			5.86			11.98	10.07	9.78	8/2/20	9.10	9.06		5.72			10.01	10.96	8.57	10.58	10/2/20	9.76				8.02		12.49	10.56	10.08	11.03
5/2/20	10.50	8.83			5.86			11.85	9.89	9.75	8/2/20	8.99	8.96		5.85			10.04	10.72	8.36	10.56	10/2/20	9.36				8.02		12.39	10.27	10.20	10.94
5/2/20	10.34	8.89			5.86			11.76	9.69	9.69	8/2/20	9.15	8.88		5.93			9.84	10.78	8.18	10.60	10/2/20	9.26				7.94		12.31	10.30	10.19	10.87
5/2/20	10.57	8.13			6.13			11.63	9.56	9.92	8/2/20	9.22	9.01		5.89			9.85	10.73	7.99	10.66	10/2/20	9.13				7.77		12.15	10.40	10.11	11.33
6/2/20	10.32	7.80			6.15			11.34	9.61	9.94	8/2/20	9.07	9.04		5.94			10.00	10.64	7.88	10.70	10/2/20	8.87				7.85		11.86	10.05	9.92	11.36
6/2/20	10.07				6.28			11.70	9.73	9.91	8/2/20	8.95	9.08		5.95			10.02	10.58	7.83	10.72	10/2/20	8.60				7.56		11.64	10.08	9.80	11.30
6/2/20	9.83				6.36			11.62	9.39	9.88	8/2/20	10.86	9.12		5.97			9.96	10.52	7.97	10.71	10/2/20	9.33	8.94			7.63		11.55	10.66	9.78	11.26
6/2/20	9.53				6.46			11.59	8.71	9.89	8/2/20	10.87	9.31		5.97			10.17	10.97	8.14	10.55	10/2/20	9.40	8.89			7.12		11.30	10.76	9.51	10.88
6/2/20	9.45				6.48			11.37	8.60	9.83	8/2/20	11.20	9.26		6.22			10.11	10.84	8.52	10.60	10/2/20	10.16	8.97			6.92		11.16	10.99	9.51	10.75
6/2/20	9.25				6.45			10.69	8.44	9.81	8/2/20	11.07	9.30		6.53			10.74	11.05	8.88	10.59	10/2/20	10.26	8.98			6.98		11.09	11.05	9.54	10.72
6/2/20	9.10				6.51			10.46	8.37	9.79	8/2/20	11.77	9.55		6.65			10.13	12.42	9.32	10.34	10/2/20	10.28	8.93			6.77		10.99	11.13	9.42	10.64
6/2/20	8.86				6.46			10.35	8.29	9.71	8/2/20	12.55	9.02		6.60			10.38	12.79	10.26	10.50	10/2/20	10.26	8.76			6.50		10.50	11.09	9.16	10.56
6/2/20	8.75				6.16			10.11	8.78	9.74	8/2/20	12.21	9.06		6.74			11.12	12.77	10.77	10.63	10/2/20	10.26	8.56			6.36		10.39	10.86	8.84	10.49
6/2/20	8.53	8.12			6.01			10.37	9.17	9.69	8/2/20	11.71	9.26		7.07			11.70	12.20	11.06	10.90	11/2/20	10.21	8.96			6.54		10.35	10.28	8.66	10.46
6/2/20	9.12	8.05			5.97			10.74	9.38	9.65	8/2/20	12.22	9.51		7.72			12.38	11.73	11.08	11.12	11/2/20	10.06	9.08			6.21		10.53	10.15	8.34	10.44
6/2/20	9.21	8.13			5.98			10.95	9.58	9.63	8/2/20	12.23			7.94			13.17	11.74	10.75	10.93	11/2/20	9.97	9.09			6.15		10.62	10.27	8.06	10.40
6/2/20	9.18	8.31			5.93			11.00	9.50	9.68	8/2/20	12.55			8.30			14.08	11.49	10.83	10.89	11/2/20	10.00	8.97			6.11		10.51	10.43	7.99	10.40
6/2/20	9.02	8.38			5.82			10.98	9.05	9.72	8/2/20	12.26			8.24			14.42	11.72	11.08	10.99	11/2/20	9.54	8.93			6.16		10.75	10.52	7.90	10.46
6/2/20	8.94	8.25			5.84			10.94	8.47	9.72	8/2/20	11.94			8.23			14.25	12.30	11.14	10.97	11/2/20	9.37	8.64			6.30		10.86	10.56	7.87	10.48
6/2/20	8.93	8.04			5.83			10.71	8.08	9.72	8/2/20	11.71			8.15			14.23	11.93	11.01	11.07	11/2/20	9.49	8.38			6.35		10.45	10.19	7.98	10.44
6/2/20	8.80	8.04			5.94			10.43	7.85	9.69	8/2/20	11.51			8.18			14.11	11.77	10.83	11.00	11/2/20	9.33	8.48			6.49		10.24	10.31	8.13	10.39
6/2/20	8.82	7.94			5.96			10.16	7.62	9.73	8/2/20	11.13			8.02			13.56	11.96	10.64	12.62	11/2/20	9.23	8.55			6.58		10.14	10.12	8.03	10.31
6/2/20	9.39	8.03			6.01			10.11	7.48	9.39	8/2/20	11.00			7.95			12.85	12.09	10.48	12.79	11/2/20	9.11	8.53			6.62		10.16	10.17	8.30	10.36
6/2/20	9.95	7.97			6.01			10.08	7.39	9.64	8/2/20	10.83			7.81			12.33	12.15	10.45	12.31	11/2/20	8.95	8.44			6.63		10.12	10.26	8.41	10.44
6/2/20	10.03	8.07			6.01			10.17	8.04	9.45	8/2/20	10.71			7.77			11.75	11.99	10.25	12.02	11/2/20	8.79	8.52			6.61		10.08	10.04	8.57	10.49
6/2/20	10.08	8.15			6.17			10.90	8.86	9.52	8/2/20	11.96	9.47		7.65			11.58	11.96	10.27	11.47	11/2/20	8.61	8.37			6.60		9.98	9.95	8.58	10.46
6/2/20	10.19	8.28			6.24			11.04	9.29	9.58	8/2/20	12.49	9.31		7.34			11.60	12.10	10.26	11.31	11/2/20	8.88	8.41			6.55		9.99	9.64	8.52	10.44
6/2/20	10.26	8.27			6.44			10.96	10.16	9.32	8/2/20	12.70	9.51		7.35			11.09	12.32	10.25	11.19	11/2/20	8.84	8.45			6.55		10.00	9.73	8.47	10.43
6/2/20	10.82	8.30			6.66			10.66	10.61	9.17	8/2/20	12.81	9.57		6.74			11.07	12.76	10.12	11.04	11/2/20	8.53	8.46			6.37		9.93	9.73	8.37	10.33
6/2/20	11.26				6.98			10.79	10.73	9.68	8/2/20	12.73	10.00		6.34			11.11	12.58	9.84	10.89	11/2/20	8.27	8.55			6.33		9.90	9.81	8.16	10.32
6/2/20	11.43				7.40			10.82	10.43	9.67	8/2/20	12.47	9.99		6.20			10.96	12.17	9.59	10.90	11/2/20	8.04	8.64			6.15		9.89	9.75	8.66	10.25
6/2/20	12.18				7.61			11.01	10.31	9.62	8/2/20	12.37	10.16		6.09			10.92	11.82	9.90	10.93	11/2/20	7.95	8.52			6.19		10.12	9.85	8.58	10.20
6/2/20	13.36				7.73			11.36	10.33	9.65	9/2/20	12.25	9.92		6.08			10.74	12.02	8.52	10.94	11/2/20	8.07	8.54			6.20		10.09	9.84	8.56	10.10
6/2/20	14.23				7.92			11.65	10.66	9.74	9/2/20	12.07	9.72		6.05			10.61	12.61	8.04	10.95	11/2/20	7.80	8.61			6.36		10.30	9.88	8.42	10.11
6/2/20	14.93				8.04			11.66	11.03	9.83	9/2/20	11.59	9.95		6.03			10.83	12.80	7.85	10.88	11/2/20	7.78	8.69			6.54		10.47	9.86	8.33	10.15
6/2/20	15.10				7.81			11.39	11.16	10.46	9/2/20	12.28	9.99		6.10			11.06	13.02	8.11	10.72	11/2/20	7.64	8.76			6.61		10.31	9.77	8.23	10.17
6/2/20	14.79				8.00			11.53	10.92	10.97	9/2/20	12.30	10.11		6.14			11.66	13.14	7.95	10.75	11/2/20	7.44	8.79			6.69		10.44	9.83	8.07	10.17
6/2/20	14.15				8.29			11.67	10.69	10.76	9/2/20	11.38	10.79		6.18			11.14	12.97	8.13	10.83	11/2/20	7.33	8.84			6.82		10.52	9.87	7.92	10.17
6/2/20	13.81				7.94			11.78	11.09	10.67	9/2/20	10.87	10.83		6.39			11.21	12.58	8.72	10.83	11/2/20	7.17	8.70			6.34		10.51	9.91	7.86	10.14
6/2/20	13.54				8.02			11.87	10.51	10.42	9/2/20	10.69	10.89		6.58			11.15	12.15	8.83	10.95	11/2/20	9.19	8.89			6.31		10.72	10.11	7.82	10.21
6/2/20	13.11				7.92			11.50	9.68	10.20	9/2/20	10.40	10.71		6.74			11.17	12.08	8.69	11.00	11/2/20	11.59	9.30			6.26		10.77	10.27	7.87	10.26
6/2/20	12.84				7.93			11.56	9.75	10.01	9/2/20	10.01	10.09		6.75			10.79	11.71	9.00	11.12	11/2/20	11.35	9.37			6.55		11.03	10.35	8.36	10.24
6/2/20	12.74	9.63			7.69			11.55	9.72	9.91	9/2/20	9.51	9.78		6.75			10.67	11.66	9.22	11.04	11/2/20	10.79	8.85			6.40		10.90	10.32	8.27	10.14
6/2/20	12.22	9.86			7.41			11.61	9.90	9.85	9/2/20	9.12	9.64		6.71			10.56	11.25	9.35	11.04	11/2/20	10.60	9.09			6.85		11.05	10.72	8.82	10.26
6/2/20	11.83	9.41			7.12			11.73	9.97	9.79	9																					

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9		ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9		ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9
13/2/20	10.09	9.28			6.22		10.84	10.64	8.36	10.18	15/2/20	14.51				7.76		12.21	11.02	11.85	10.31	17/2/20	10.58	11.58			6.10		12.75	9.95	7.84	10.59
13/2/20	9.90	9.34			6.29		10.74	10.67	8.34	10.22	15/2/20	15.07				7.41		12.63	11.36	11.89	10.22	17/2/20	10.22	11.24			6.05		11.62	9.84	7.82	10.48
13/2/20	9.58	9.29			6.37		10.97	10.67	8.36	10.27	15/2/20	16.26				7.45		12.91	11.25	11.98	10.23	17/2/20	10.15	10.98			6.24		11.25	9.76	7.85	10.51
13/2/20	9.38	9.24			6.51		10.90	10.76	8.15	10.21	15/2/20	16.94				7.61		13.06	10.98	11.01	10.30	17/2/20	10.01	10.75			6.38		11.19	9.71	7.81	10.53
13/2/20	9.48	9.26			6.53		10.79	10.71	8.03	10.14	15/2/20	17.31	8.57			7.89		13.25	10.99	10.27	10.25	18/2/20	9.62	10.74			6.28		12.27	9.82	7.71	10.54
13/2/20	8.84	8.73			6.67		10.65	10.30	8.26	10.10	15/2/20	17.84	9.55			8.34		13.27	11.24	10.14	10.22	18/2/20	9.36	10.67			6.57		12.28	9.79	7.76	10.57
13/2/20	8.35	8.38			6.73		10.39	10.20	8.50	10.04	15/2/20	17.62	10.07			7.89		13.40	11.16	9.94	10.21	18/2/20	9.24	10.85			6.35		12.28	10.12	7.49	10.44
13/2/20	8.19	8.36			6.77		10.23	10.37	8.62	10.01	15/2/20	17.20	10.33			7.29		13.44	11.57	9.84	10.36	18/2/20	9.00	11.18			6.42		12.21	10.14	7.34	10.44
13/2/20	8.10	8.40			6.75		10.16	10.30	8.89	9.94	15/2/20	16.86	10.32			7.21		13.49	11.41	9.59	10.35	18/2/20	9.09	11.34			6.45		10.04	10.06	7.29	10.46
13/2/20	8.04	8.38			6.73		10.11	10.34	9.11	9.98	15/2/20	16.62	9.80			7.16		13.44	10.93	9.63	10.52	18/2/20	9.23	9.18			6.35		9.78	10.01	7.22	10.38
13/2/20	7.98	8.29			6.70		10.26	10.19	8.97	9.97	15/2/20	16.67	9.31			7.09		13.45	11.19	9.85	10.40	18/2/20	9.36	8.77			6.20		9.67	9.92	7.23	10.28
13/2/20	7.75	8.16			6.71		10.39	10.03	9.06	9.97	15/2/20	16.48	9.24			7.03		13.32	11.77	10.02	10.58	18/2/20	9.35	8.97			6.04		9.55	9.72	7.40	10.25
13/2/20	7.57	8.06			6.63		10.21	10.01	9.26	10.00	15/2/20	16.25	9.46			7.03		13.13	12.39	10.71	10.39	18/2/20	8.93	9.08			5.93		9.41	9.33	7.37	10.45
13/2/20	7.52	8.01			6.65		10.23	9.79	9.42	9.98	15/2/20	15.86	8.98			7.30		12.92	12.02	10.80	10.50	18/2/20	9.42	9.27			5.93		9.11	9.40	7.15	10.44
13/2/20	7.55	8.13			6.59		10.28	10.21	9.34	9.96	15/2/20	15.59	8.43			7.05		13.17	11.76	11.04	10.45	18/2/20	9.61	8.98			5.87		8.96	9.37	7.29	10.46
13/2/20	8.20	8.28			6.65		10.24	10.27	9.23	9.95	15/2/20	15.42	8.34			7.82		13.06	11.57	11.08	10.73	18/2/20	9.66	8.58			6.13		8.99	9.38	7.56	10.02
13/2/20	8.81	8.67			6.78		10.75	10.26	9.03	9.91	15/2/20	15.78	8.59			8.96		13.16	10.93	11.80	10.31	18/2/20	9.60	8.56			6.13		9.00	9.50	7.48	10.26
13/2/20	9.25	8.94			6.99		10.84	10.43	8.96	9.90	15/2/20	15.65	8.63			8.58		13.15	10.78	11.32	10.42	18/2/20	9.39	8.86			6.19		9.48	9.52	7.52	10.02
13/2/20	9.30	9.00			7.09		10.91	10.48	8.83	9.93	15/2/20	16.02	9.26			8.90		12.79	11.08	11.03	10.42	18/2/20	9.10	9.21			6.24		9.67	9.49	7.46	10.06
13/2/20	9.75	8.86			7.13		10.93	10.47	8.74	9.98	15/2/20	15.72	9.32			8.90		12.10	11.16	9.84	10.20	18/2/20	8.89	9.05			6.21		9.70	9.37	7.54	10.00
13/2/20	9.59	9.50			7.15		11.08	10.52	8.60	10.02	15/2/20	15.55	9.80			8.94		11.91	11.17	9.71	10.10	18/2/20	9.71	8.69			6.22		9.69	9.37	8.30	9.87
13/2/20	9.22	9.58			6.46		11.10	10.53	8.45	10.04	15/2/20	15.36	10.46			7.67		11.86	11.00	9.52	10.05	18/2/20	9.74	9.00			6.22		9.69	9.21	8.66	10.13
13/2/20	10.80	9.68			6.40		11.15	10.55	8.36	10.02	15/2/20	14.69	10.41			8.05		11.95	11.04	9.33	10.04	18/2/20	9.48	8.57			6.17		9.64	9.24	8.17	9.55
13/2/20	11.29	10.12			6.47		11.07	10.74	8.30	10.45	16/2/20	13.92	10.76			8.14		11.33	10.98	9.14	10.05	18/2/20	9.33	8.57			6.12		9.52	9.30	8.98	9.92
13/2/20	10.86	10.12			6.50		11.61	10.75	8.87	10.08	16/2/20	13.49	11.07			7.76		10.54	10.96	8.86	10.15	18/2/20	9.18	8.69			6.29		10.26	9.25	9.57	10.15
13/2/20	10.58	9.94			6.98		11.51	10.62	8.59	10.09	16/2/20	13.99	11.00			7.55		10.45	10.97	8.61	10.26	18/2/20	9.23	8.68			6.44		10.28	9.17	9.97	10.28
13/2/20	10.46	9.52			7.12		11.23	11.29	9.81	10.11	16/2/20	14.42	10.82			6.92		10.47	10.87	8.38	10.37	18/2/20	9.00	8.70			6.80		9.61	9.71	10.32	10.32
13/2/20	10.62	9.37			7.07		11.29	11.61	10.43	10.45	16/2/20	14.23	10.93			6.94		10.65	10.73	8.21	10.61	18/2/20	8.90	8.62			7.36		11.12	9.99	10.45	10.40
13/2/20	10.49	8.96			7.11		11.49	11.33	10.62	10.64	16/2/20	14.04	11.26			6.35		10.93	10.52	8.12	10.68	18/2/20	8.60	8.77			7.57		12.18	9.98	10.61	10.58
13/2/20	10.23	8.64			7.29		11.73	11.16	10.56	10.68	16/2/20	13.82	10.57			6.03		11.20	10.38	8.04	10.80	18/2/20	9.02				7.66		12.96	10.34	11.00	10.49
13/2/20	9.88	8.32			7.34		11.89	10.97	10.74	10.53	16/2/20	13.66	9.71			5.92		11.15	10.26	7.99	10.75	18/2/20	10.08				7.77		13.72	10.27	11.34	10.42
13/2/20	9.64	8.14			7.48		11.87	10.61	10.92	10.62	16/2/20	12.95	8.98			5.85		11.23	10.15	7.89	10.55	18/2/20	10.93				7.82		13.94	10.58	11.69	10.20
13/2/20	9.50				7.45		11.79	10.60	11.26	10.69	16/2/20	12.78	8.90			5.85		11.08	10.13	7.81	10.37	18/2/20	11.28				7.91		14.04	10.40	11.86	10.30
13/2/20	9.20				7.38		11.78	10.81	11.35	10.62	16/2/20	13.63	8.68			5.85		10.89	10.29	7.81	9.97	18/2/20	10.81				8.00		13.88	11.05	11.81	10.16
13/2/20	8.94				7.66		11.69	10.89	11.46	10.64	16/2/20	11.51	9.91			6.61		11.10	10.19	7.81	10.04	18/2/20	11.74				8.07		14.17	11.10	11.79	10.19
13/2/20	8.90				7.47		11.38	10.80	11.27	10.93	16/2/20	9.91	9.83			6.57		11.06	10.41	7.90	9.96	18/2/20	16.01				8.23		10.67	11.10	11.81	10.36
13/2/20	9.03				7.53		11.03	10.78	10.92	10.62	16/2/20	9.30	10.25			6.56		11.36	10.58	7.78	9.95	18/2/20	15.83				8.19		15.11	11.39	11.76	10.43
13/2/20	8.91	7.70			7.24		10.83	11.08	10.25	10.66	16/2/20	8.80	10.33			6.62		11.74	10.69	7.83	9.93	18/2/20	15.90				8.21		14.55	11.80	11.79	10.49
13/2/20	8.47	7.63			7.15		10.82	11.18	9.96	10.55	16/2/20	8.62	10.32			6.79		11.07	11.19	8.02	10.14	18/2/20	15.88				8.60		13.90	11.09	11.86	10.61
13/2/20	8.26	7.94			7.00		11.01	10.98	10.12	10.32	16/2/20	8.57	10.26			7.07		10.63	11.35	8.23	10.24	18/2/20	15.96	10.04			8.81		13.12	10.56	10.71	10.71
13/2/20	8.11	8.24			6.85		11.01	11.25	9.98	10.24	16/2/20	8.53	9.93			7.20		10.65	11.18	8.58	10.25	18/2/20	14.79	10.47			8.94		13.29	10.87	9.96	11.03
13/2/20	7.96	8.59			6.99		10.98	11.37	9.85	10.25	16/2/20	8.70	9.84			7.43		10.92	10.86	9.44	10.25	18/2/20	14.11	10.24			8.64		12.65	10.45	9.89	11.15
14/2/20	10.95	8.87			6.90		10.95	11.84	9.62	10.25	16/2/20	8.78	9.58			7.41		10.91	10.80	10.23	10.21	18/2/20	13.45	10.05			7.86		11.77	10.24	9.77	11.16
14/2/20	11.21																															

data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	ve1 mg/l		ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	ve1 mg/l	ve2 mg/l		ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l			
20/2/20	7.29	8.22			6.10		9.19	10.00	8.43	10.22	22/2/20							8.17	11.82	11.44	9.90	9.96	25/2/20												
20/2/20	7.17	8.13			6.23		9.31	9.90	8.25	10.21	22/2/20							8.02	11.64	11.03	9.76	10.26	25/2/20												
20/2/20	7.05	8.14			6.29		9.16	9.88	8.15	10.36	22/2/20							7.75	11.52	11.18	9.52	10.23	25/2/20												
20/2/20	6.90	8.23			6.36		9.18	9.97	8.07	10.46	22/2/20							7.69	11.45	11.16	9.30	10.69	25/2/20												
20/2/20	6.80	8.38			6.43		9.13	9.98	8.02	10.30	22/2/20							7.68	11.36	11.19	9.05	11.00	25/2/20												
20/2/20	6.72	8.50			6.43		8.78	9.93	7.99	10.26	22/2/20							7.66	11.49	11.10	9.18	11.11	25/2/20												
20/2/20	10.96	8.54			6.46		9.07	9.97	8.26	10.23	22/2/20							7.51	11.13	11.04	9.03	10.76	25/2/20												
20/2/20	10.98	8.44			6.49		9.34	10.32	8.61	10.18	22/2/20							7.55	11.00	11.00	9.01	10.48	25/2/20												
20/2/20	11.32	8.40			6.61		9.71	10.97	10.14	10.12	22/2/20		7.70					7.64	10.89	11.09	9.61	10.16	25/2/20												
20/2/20	11.22	8.46			6.84		9.69	10.61	10.77	10.21	22/2/20		7.68					7.42	10.87	11.29	9.70	10.06	25/2/20												
20/2/20	11.21	8.61			6.84		9.99	10.22	11.00	10.26	22/2/20		7.65					7.30	10.78	11.69	9.93	9.99	25/2/20												
20/2/20	12.12	8.63			7.08		10.34	10.46	10.62	10.44	22/2/20		8.18					7.19	10.64	12.08	9.93	9.90	25/2/20												
20/2/20	12.85	8.33			7.37		10.52	10.55	10.28	10.16	22/2/20		8.54					7.08	10.56	12.32	9.97	9.79	25/2/20												
20/2/20	14.00				7.69		10.79	10.78	10.50	9.99	22/2/20		8.28					7.01	10.60	12.27	9.89	9.74	25/2/20												
20/2/20	14.37				8.12		11.17	10.44	10.80	9.83	23/2/20		8.38					6.74	10.58	12.04	9.71	9.74	25/2/20												
20/2/20	15.46				8.23		11.50	10.92	10.94	9.92	23/2/20		8.66					6.71	10.54	11.84	9.59	9.74	25/2/20												
20/2/20	16.27				8.36		11.57	11.32	11.19	9.61	23/2/20		8.78					6.61	10.44	11.63	9.47	9.73	25/2/20												
20/2/20	16.41				8.33		11.74	10.84	11.31	9.99	23/2/20		8.83					6.68	10.47	11.34	9.29	9.66	25/2/20												
20/2/20	15.50				8.32		11.80	10.80	11.50	10.00	23/2/20		8.81					6.73	10.36	11.37	9.26	9.60	25/2/20												
20/2/20	14.72				8.37		11.68	10.81	11.44	10.02	23/2/20		8.45					6.77	10.34	11.05	8.96	9.67	25/2/20												
20/2/20	13.68				8.15		11.62	10.94	11.07	10.47	23/2/20		7.70					6.73	10.30	10.97	8.94	9.68	25/2/20												
20/2/20	12.79				8.49		11.14	10.94	10.82	10.51	23/2/20		7.85					6.79	10.27	10.33	9.03	9.65	25/2/20												
20/2/20	11.82	8.50			8.31		12.20	10.74	10.21	10.21	23/2/20		8.11					6.75	10.27	10.17	9.07	9.62	25/2/20												
20/2/20	11.66	8.85			8.07		10.67	10.62	9.91	10.26	23/2/20		7.93					6.69	10.24	10.27	8.99	9.68	25/2/20												
20/2/20	11.53	8.39			7.85		10.29	10.97	9.92	10.12	23/2/20		7.91					6.62	10.23	10.45	8.90	9.60	25/2/20												
20/2/20	11.01	8.11			7.43		10.28	11.59	9.94	10.13	23/2/20		7.82					6.81	10.12	10.46	8.62	9.70	25/2/20												
20/2/20	10.69	8.62			7.19		10.29	11.47	9.88	10.16	23/2/20		7.91					6.71	10.03	10.38	8.59	9.54	25/2/20												
20/2/20	10.42	9.95			7.12		10.18	11.62	9.64	10.17	23/2/20		7.84					6.60	9.99	10.35	8.57	9.51	25/2/20												
20/2/20	10.14	10.25			7.00		10.20	11.67	9.40	10.16	23/2/20		7.93					6.33	9.96	10.38	8.73	9.50	25/2/20												
20/2/20	9.79	9.92			6.86		10.14	11.72	9.05	10.13	23/2/20		7.79					6.21	9.90	10.67	8.97	9.44	25/2/20												
20/2/20	9.61	9.89			6.72		10.14	11.54	8.84	10.10	23/2/20		7.86					6.15	9.85	10.76	9.01	9.44	25/2/20												
20/2/20	9.36	9.01			6.66		9.97	11.41	8.66	10.20	23/2/20		7.92					6.23	9.94	10.67	9.08	9.55	25/2/20												
20/2/20	9.49	9.11			6.65		9.84	11.33	8.55	9.66	23/2/20		7.98					6.22	9.95	10.71	9.00	9.68	25/2/20												
21/2/20	9.56	8.84			6.78		9.87	11.09	8.65	9.68	23/2/20		8.16					6.25	10.01	10.71	8.76	9.73	25/2/20												
21/2/20	9.54	8.44			6.86		10.63	10.77	8.25	9.85	23/2/20		8.18					6.30	10.07	10.80	8.48	9.69	25/2/20												
21/2/20	9.34	7.72			6.87		10.59	10.89	8.33	9.94	23/2/20		8.20					6.56	10.31	10.54	8.28	9.68	25/2/20												
21/2/20	9.29	7.39			6.97		10.26	10.44	8.56	9.80	23/2/20		8.18					6.60	10.15	10.13	8.22	9.69	25/2/20												
21/2/20	9.25	7.79			6.98		10.12	10.22	8.84	9.79	23/2/20		8.28					6.63	10.02	10.18	8.17	9.66	25/2/20												
21/2/20	9.13	8.17			7.02		9.93	10.13	8.83	9.75	23/2/20		8.29					6.61	10.36	10.14	8.55	9.57	25/2/20												
21/2/20	8.85				7.02		9.77	9.82	8.60	9.67	23/2/20		8.15					6.66	10.35	10.14	8.33	9.51	25/2/20												
21/2/20	8.49				7.00		9.78	10.55	8.67	9.49	23/2/20		8.19					6.84	10.38	10.55	9.38	9.62	25/2/20												
21/2/20	8.19				7.00		9.88	10.43	8.82	9.43	23/2/20		8.12					6.82	10.70	10.55	10.65	9.63	25/2/20												
21/2/20	7.97				6.85		9.06	10.22	8.78	9.25	23/2/20		8.00					7.03	10.87	10.40	11.20	9.66	25/2/20												
21/2/20	7.58				6.94		9.80	9.35	8.56	9.26	23/2/20		7.88					7.55	11.18	10.31	11.14	9.75	26/2/20												
21/2/20	7.65	8.32			6.87		9.90	9.30	8.37	9.28	23/2/20		8.34					7.82	11.54	10.19	10.47	9.86	26/2/20												
21/2/20	7.91	8.14			6.60		9.79	9.33	8.65	9.38	23/2/20		8.24					8.41	11.79	10.65	9.73	9.93	26/2/20												
21/2/20	8.06	7.79			6.58		9.46	9.81	8.72	9.46	23/2/20		8.46					8.46	12.07	10.68	9.66	9.92	26/2/20												
21/2/20	8.16	7.79			6.56		9.27	10.25	8.72	9.46	23/2/20		8.41					8.41	12.32	10.96	9.58	9.86	26/2/20												
21/2/20	8.00	7.73			6.31		9.32	10.34	8.71	9.55	23/2/20		8.26					8.26	12.28	10.86	9.66	9.84	26/2/20												
21/2/20	8.03	7.70			6.25		9.31	10.32	8.65																										

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l
27/2/20	10.84				6.68		9.60	9.02	7.26	8.78	29/2/20	11.00	8.46			7.01		9.68	10.16	8.72	9.90	3/3/20	8.01	7.22			5.97		8.34	8.12	6.97	9.10
27/2/20	11.96				6.69		9.68	8.94	7.25	8.85	29/2/20	11.23	8.60			6.94		9.77	10.40	8.39	9.87	3/3/20	7.92	7.11			6.00		8.33	8.04	7.01	9.04
27/2/20	12.35				6.31		9.74	8.90	7.26	8.90	29/2/20	11.42	8.67			6.79		9.70	10.75	7.99	9.77	3/3/20	8.08	6.89			6.00		8.39	8.31	7.08	9.03
27/2/20	12.93				6.20		9.76	8.85	7.25	8.96	29/2/20	11.25	8.84			6.61		9.62	10.39	7.71	9.80	3/3/20	8.26	6.78			6.05		8.43	8.59	7.22	9.03
27/2/20	12.64				6.22		9.98	9.52	7.27	9.01	29/2/20	11.57	9.40			6.44		9.50	10.21	7.55	9.86	3/3/20	8.41	6.89			6.09		8.52	8.64	7.42	9.00
27/2/20	11.62				6.24		10.09	10.38	7.24	9.17	1/3/20	11.74	9.39			6.25		9.28	9.91	7.47	9.87	3/3/20	8.43	6.96			6.15		8.69	8.80	7.52	9.01
27/2/20	13.17				6.70		10.08	10.83	8.07	9.07	1/3/20	11.49	8.62			6.31		9.09	10.08	7.46	9.89	3/3/20	8.81	6.96			6.20		8.72	9.11	8.32	9.08
27/2/20	13.76				6.61		10.00	10.41	8.26	8.98	1/3/20	11.29	8.14			6.14		9.26	9.85	7.42	9.90	3/3/20	10.04	7.07			6.29		9.03	9.34	8.88	9.00
27/2/20	13.39				6.66		9.91	10.54	8.77	8.98	1/3/20	11.00	8.45			6.16		9.14	9.91	7.36	9.85	3/3/20	9.87	6.87			6.35		8.74	9.44	9.35	9.08
27/2/20	14.05				6.86		9.82	10.45	8.67	8.99	1/3/20	10.70	8.08			6.15		9.33	10.07	7.27	9.79	3/3/20	8.53	6.89			6.49		9.01	9.59	9.58	9.16
27/2/20	13.46				6.91		9.86	10.65	8.57	8.97	1/3/20	10.05	7.64			6.10		9.37	10.11	7.19	9.76	3/3/20	9.36	6.87			6.50		9.26	9.76	9.64	9.22
27/2/20	13.13				6.89		9.83	10.54	8.40	9.14	1/3/20	9.62	8.61			6.22		9.31	9.51	7.23	9.72	3/3/20	11.32	6.94			6.75		8.68	9.70	9.62	9.20
27/2/20	12.99				7.45		9.81	10.52	8.32	9.05	1/3/20	9.81	8.75			6.28		9.26	9.30	7.20	9.66	3/3/20	11.28	6.83			6.64		9.27	9.72	9.70	9.17
27/2/20	12.57				7.33		9.85	10.56	8.17	9.17	1/3/20	10.00	8.85			6.27		9.22	9.59	7.23	9.79	3/3/20	11.43	7.21			6.69		8.66	9.63	9.83	9.16
27/2/20	12.20				7.24		9.85	10.47	8.31	9.23	1/3/20	10.26	8.67			6.27		9.05	9.85	7.21	9.75	3/3/20	9.27	7.06			6.60		9.03	9.85	9.15	9.30
27/2/20	11.51				7.11		9.78	10.27	8.24	9.13	1/3/20	10.08	8.51			6.30		8.98	9.66	7.30	9.72	3/3/20	9.30	7.08			6.72		9.46	9.90	8.95	9.26
27/2/20	11.14				7.09		9.59	9.94	8.01	9.07	1/3/20	9.61	8.47			6.43		8.87	9.59	7.38	9.64	3/3/20	10.73	7.09			7.10		10.01	10.22	8.72	9.26
27/2/20	10.78				7.27		9.39	9.65	8.05	9.07	1/3/20	9.82	8.32			6.49		8.71	9.66	7.35	9.58	3/3/20	11.55	6.78			7.70		9.79	10.23	8.29	9.07
27/2/20	10.41				6.91		9.25	9.51	7.77	9.05	1/3/20	10.02	8.31			6.50		8.69	9.71	7.24	9.54	3/3/20	12.06	6.88			7.89		10.78	9.53	7.82	8.95
27/2/20	10.32				6.69		9.06	9.81	7.70	9.09	1/3/20	9.98	8.29			6.49		8.88	9.71	7.27	9.51	3/3/20	12.33	7.02			7.88		10.88	8.65	7.83	9.01
27/2/20	10.37				6.55		8.95	9.98	7.61	9.10	1/3/20	9.82	8.22			6.46		8.68	9.63	7.53	9.45	3/3/20	12.29	7.12			7.64		10.41	8.84	7.73	8.99
27/2/20	10.29				6.45		9.05	9.38	7.42	9.14	1/3/20	9.79	8.24			6.40		9.36	9.55	7.60	9.63	3/3/20	12.27	7.97			7.11		10.45	8.88	7.54	9.00
27/2/20	10.05				6.33		8.99	9.27	7.34	9.17	1/3/20	9.70	8.21			6.40		9.31	9.38	7.53	9.63	3/3/20	12.55	8.66			6.71		10.21	8.82	7.37	9.06
27/2/20	9.92				6.20		8.91	9.22	7.34	9.21	1/3/20	9.65	8.11			6.36		9.08	9.25	7.50	9.55	3/3/20	11.29	8.27			6.48		10.53	8.81	7.27	9.03
28/2/20	9.83				6.11		8.91	9.11	7.39	9.25	1/3/20	9.57	8.03			6.29		9.01	9.21	7.45	9.64	3/3/20	11.03	9.15			6.25		10.34	8.80	7.19	9.03
28/2/20	9.73				6.02		8.89	9.01	7.41	9.28	1/3/20	9.51	7.98			6.28		9.43	9.30	7.42	9.63	3/3/20	11.18	9.38			5.89		9.72	8.79	7.08	9.02
28/2/20	9.73				6.18		8.94	8.90	7.30	9.27	1/3/20	9.37	8.02			6.17		9.47	8.90	7.65	9.57	3/3/20	11.10	9.16			5.92		9.57	8.87	7.02	9.04
28/2/20	9.55				6.16		9.16	8.89	7.28	9.26	1/3/20	9.20	8.04			6.09		9.20	8.99	7.67	9.48	3/3/20	12.69	8.17			6.13		9.70	9.01	6.96	9.33
28/2/20	9.80				6.14		9.18	8.62	7.23	9.24	1/3/20	9.32	8.13			6.12		9.30	9.17	7.54	9.45	3/3/20	10.99	8.53			5.96		9.35	8.99	6.92	9.04
28/2/20	9.54				6.15		9.16	8.76	7.20	9.19	1/3/20	9.50	8.03			6.15		9.32	9.07	7.46	9.39	3/3/20	10.14	8.54			5.90		8.89	9.06	6.92	9.16
28/2/20	9.93				6.28		9.22	8.66	7.24	9.07	1/3/20	9.56	7.95			6.19		9.31	9.15	7.34	9.36	3/3/20	9.83	7.97			5.85		8.68	8.93	6.99	9.18
28/2/20	9.90				6.34		9.17	8.52	7.20	9.13	1/3/20	9.52	7.96			6.16		9.27	9.14	7.28	9.36	3/3/20	9.48	7.68			5.89		8.70	8.91	6.93	9.01
28/2/20	9.50				6.29		9.08	8.95	7.12	9.14	1/3/20	9.49	8.01			6.10		9.06	8.81	7.22	9.39	3/3/20	9.53	7.51			5.90		8.87	8.94	6.93	9.01
28/2/20	9.17				6.26		8.91	8.63	7.10	9.17	1/3/20	9.60	7.99			6.18		9.15	9.09	7.16	9.41	3/3/20	9.44	7.56			5.93		8.85	9.01	6.92	9.17
28/2/20	9.01				6.24		8.88	8.44	7.07	9.04	1/3/20	9.58	7.93			6.14		9.05	9.05	7.14	9.43	4/3/20	10.32	7.59			5.91		8.83	9.02	6.96	9.18
28/2/20	8.75				6.23		8.84	8.79	7.05	9.03	1/3/20	9.39	7.78			6.13		9.06	8.96	7.19	9.46	4/3/20	10.59	7.67			5.93		8.71	8.90	7.10	9.14
28/2/20	8.13				6.24		8.82	8.86	6.81	9.04	1/3/20	9.75	7.72			6.12		8.98	8.90	7.18	9.46	4/3/20	11.00	7.54			5.99		8.67	8.89	7.16	9.10
28/2/20	8.11				6.22		8.83	8.93	6.87	9.00	1/3/20	9.70	7.67			6.16		9.05	8.79	7.14	9.38	4/3/20	10.87	7.54			6.00		8.67	8.95	7.19	9.07
28/2/20	8.18				6.23		8.81	8.80	7.01	9.00	1/3/20	9.16	7.68			6.20		8.96	8.77	7.12	9.49	4/3/20	10.57	7.63			5.97		8.65	9.00	7.26	9.05
28/2/20	8.77				6.21		8.80	8.79	7.23	8.97	1/3/20	8.79	7.83			6.47		9.01	8.82	7.15	9.46	4/3/20	10.26	7.63			5.91		8.65	8.54	7.34	9.05
28/2/20	11.32				6.16		8.85	8.90	7.47	9.02	1/3/20	8.77	7.85			6.40		8.86	8.88	7.23	9.50	4/3/20	9.80	7.53			5.86		8.62	9.17	7.37	9.11
28/2/20	11.51				6.19		8.88	8.83	7.61	9.08	1/3/20	8.91	7.89			6.32		8.85	8.98	7.39	9.46	4/3/20	9.55	7.48			5.86		8.54	8.91	7.31	9.19
28/2/20	11.53				6.41		8.87	8.67	7.85	9.31	1/3/20	8.96	7.70			6.25		8.95	9.09	7.48	9.40	4/3/20	9.44	7.39			5.81		8.49	8.31	7.32	9.11
28/2/20	9.27				6.21		9.16	8.83	8.07	9.29	1/3/20	8.57	7.62			6.17		8.73	9.09	7.25	9.41	4/3/20	9.25	7.39			5.76		8.50	8.46	7.29	9.05
28/2/20	10.37				6.20		9.35	9.28	8.53	9.12	1/3/20	8.74	7.63			6.17		8.78	9.03	7.32	9.35	4/3/20	9.18	7.35			5.					

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	
5/3/20	16.10	8.21			8.08		11.43	10.37	9.49	10.68	8/3/20	10.64	8.17									10/3/20	9.95	8.52					6.23	9.69	9.63	7.61	9.32
5/3/20	13.37	8.23			8.05		10.91	10.27	9.36	10.57	8/3/20	10.05	8.11									10/3/20	10.32	8.39					6.23	9.86	9.61	7.59	9.36
5/3/20	13.12	8.39			8.15		10.17	9.93	9.05	10.47	8/3/20	10.07	8.03									10/3/20	10.39	8.26					6.24	9.94	9.54	7.64	9.38
5/3/20	12.65	8.18			7.74		9.82	9.46	8.85	10.52	8/3/20	9.84	8.08									10/3/20	11.17	8.56					6.59	10.17	9.64	7.59	9.49
5/3/20	13.08	8.89			7.49		9.72	9.94	8.56	10.50	8/3/20	9.65	8.16									10/3/20	10.34	8.88					6.76	9.92	9.46	7.86	9.48
5/3/20	11.41	9.09			7.15		9.87	10.25	8.31	10.44	8/3/20	9.46	8.18									10/3/20	10.56	8.82					6.88	10.11	9.85	8.88	9.46
5/3/20	10.96	9.16			7.07		9.33	10.27	8.07	10.38	8/3/20	9.39	8.04									10/3/20	11.18	8.88					6.88	10.30	10.64	9.65	9.58
5/3/20	10.68	9.00			6.71		8.85	10.31	7.89	10.30	8/3/20	9.33	7.80									10/3/20	11.68	8.99					6.98	10.68	11.01	10.22	9.64
5/3/20	11.07	9.02			6.41		8.72	10.42	7.61	10.25	8/3/20	9.44	7.56									10/3/20	12.34	9.26					7.24	10.99	11.09	10.17	9.64
5/3/20	10.98	9.08			6.08		8.70	10.52	7.49	10.22	8/3/20	9.41	7.64									10/3/20	12.43	9.24					7.63	11.19	10.89	9.93	9.72
5/3/20	10.71	8.88			6.23		8.59	11.35	7.46	10.20	8/3/20	9.44	7.30									10/3/20	13.48	8.60					8.07	11.01	10.91	9.23	9.85
5/3/20	10.80	8.56			6.15		8.74	11.58	7.41	10.14	8/3/20	9.62	7.28									10/3/20	13.37	8.92					8.08	10.95	10.81	8.94	10.18
5/3/20	10.69	8.55			6.12		8.75	11.68	7.35	9.97	8/3/20	9.71	7.37									10/3/20	13.76	8.69					7.96	10.87	11.27	8.22	10.25
5/3/20	10.68	8.73			6.09		8.79	11.35	7.34	10.03	8/3/20	9.95	7.42									10/3/20	14.16	8.64					7.81	11.08	11.25	8.87	10.12
5/3/20	11.14	8.77			6.23		8.64	11.42	7.31	10.07	8/3/20	10.13	7.55									10/3/20	13.87	8.56					8.18	11.23	11.54	7.73	10.20
5/3/20	10.24	8.70			6.25		8.54	9.99	7.34	9.88	8/3/20	10.25	7.61									10/3/20	13.45	8.45					8.28	11.28	11.64	7.55	10.61
6/3/20	10.12	8.57			6.33		8.40	10.54	7.23	9.68	8/3/20	10.43	7.64									10/3/20	13.27	8.45					8.11	11.00	11.55	7.54	10.50
6/3/20	10.11	8.55			6.64		8.57	10.36	7.10	9.55	8/3/20	10.51	7.77									10/3/20	12.77	8.30					7.95	10.51	11.43	8.61	10.70
6/3/20	10.19	8.51			6.63		8.56	10.09	7.37	9.64	8/3/20	11.05	7.62									10/3/20	12.10	8.24					7.64	10.31	11.84	8.93	10.14
6/3/20	10.31	8.36			6.46		8.62	10.01	7.51	9.62	8/3/20	11.12	7.61									10/3/20	12.10	8.49					7.30	10.40	11.61	8.97	9.89
6/3/20	10.06	8.27			6.09		8.63	9.84	7.43	9.63	8/3/20	11.01	7.80									10/3/20	12.26	8.84					7.08	10.25	11.75	9.06	9.83
6/3/20	10.27	8.08			6.15		8.64	9.76	7.52	9.65	8/3/20	10.96	7.98									10/3/20	12.24	8.91					6.68	9.90	11.78	8.97	9.83
6/3/20	9.89	7.95			5.88		8.61	9.85	7.54	9.68	8/3/20	11.27	7.94									10/3/20	12.20	9.04					6.33	9.85	11.73	8.75	9.91
6/3/20	9.63	7.65			5.94		8.59	9.50	7.46	9.62	8/3/20	11.27	8.28									10/3/20	12.24	8.71					6.25	9.80	11.71	8.67	9.97
6/3/20	9.66	7.43			5.96		8.58	9.38	7.36	9.62	8/3/20	11.41	8.55									10/3/20	12.24	8.88					6.16	9.73	10.90	8.29	9.97
6/3/20	9.54	7.19			6.16		8.53	9.29	7.35	9.56	8/3/20	11.97	9.01									11/3/20	8.73						6.24	9.56	10.52	7.96	9.94
6/3/20	9.30	7.18			6.16		8.52	9.25	7.33	9.59	8/3/20	12.11	8.78									11/3/20	8.61						6.26	9.59	10.66	7.65	9.92
6/3/20	9.16	7.15			6.10		8.46	9.28	7.32	9.34	8/3/20	12.82	8.70									11/3/20	8.44						6.24	9.66	10.82	7.55	9.68
6/3/20	8.92	7.11			6.00		8.47	9.13	7.30	9.47	8/3/20	13.01	8.77									11/3/20	8.61						6.27	9.64	10.81	7.40	9.61
6/3/20	8.75	7.34			5.94		8.43	8.85	7.26	9.40	8/3/20	13.50	8.72									11/3/20	8.66						6.27	9.57	10.66	7.42	9.57
6/3/20	8.59	7.22			5.93		8.38	8.80	7.14	9.38	8/3/20	13.76	8.81									11/3/20	9.09						6.58	9.73	10.52	7.59	9.59
6/3/20	8.60	7.14			5.91		8.43	9.14	7.21	9.36	8/3/20	13.78	8.96									11/3/20	8.96						6.68	9.83	10.09	7.76	9.58
6/3/20	8.75	6.95			6.02		8.39	9.16	7.15	9.33	8/3/20	14.03	8.85									11/3/20	8.97						6.72	9.96	9.96	7.83	9.64
6/3/20	8.82	6.98			6.03		8.37	9.06	7.23	9.22	8/3/20	13.35	8.86									11/3/20	8.86						6.86	9.94	10.07	7.52	9.57
6/3/20	8.90	7.04			6.05		8.33	9.05	7.30	9.27	8/3/20	12.23	8.83									11/3/20	8.63						6.82	9.99	10.01	7.47	9.83
6/3/20	8.96	7.15			6.07		8.40	8.73	7.31	9.26	8/3/20	11.83	8.50									11/3/20	8.42						6.77	9.94	9.94	7.77	10.07
6/3/20	8.68	7.13			6.07		8.46	8.81	7.62	9.24	8/3/20	11.27	8.43									11/3/20	8.31						6.69	9.86	9.91	7.83	9.86
6/3/20	8.87	7.23			6.10		8.42	8.92	7.85	9.25	8/3/20	11.96	8.48									11/3/20	8.17						6.66	9.88	10.00	7.60	9.29
6/3/20	9.09	7.30			6.08		8.48	9.19	7.74	9.25	8/3/20	12.33	8.59									11/3/20	8.04						6.65	9.20	9.90	7.43	9.11
6/3/20	9.43	7.41			6.11		8.56	9.60	8.02	9.27	8/3/20	12.29	9.03									11/3/20	7.88						6.60	9.48	9.33	7.47	9.10
6/3/20	9.82	7.47			6.04		8.59	9.49	7.96	9.23	8/3/20	12.28	8.94									11/3/20	7.93						6.66	9.46	9.72	7.64	9.44
6/3/20	10.25	7.42			6.06		8.56	9.74	8.08	9.18	8/3/20	12.13	8.71									11/3/20	7.95						6.65	9.55	9.77	7.58	9.54
6/3/20	10.87	7.62			6.14		8.54	10.07	8.41	9.16	8/3/20	12.14	8.67									11/3/20	8.11						6.52	9.43	9.22	7.64	9.57
6/3/20	10.79	7.72			6.19		8.71	9.92	9.16	9.11	8/3/20	12.00	8.57									11/3/20	8.13						6.67	9.53	9.39	7.71	9.50
6/3/20	10.90	7.82			6.16		8.88	9.65	9.14	9.13	9/3/20	12.08	8.46									11/3/20	8.45						6.73	9.60	9.56	7.75	9.39
6/3/20	11.14	7.87			6.25		9.03	9.79	8.88	9.15	9/3/20	11.96	8.14									11/3/20	8.86						6.70	9.67	9.68	7.78	9.43
6/3/20	11.47	7.94			6.43		9.16	9.82	8.88	9.19	9/3/20	11.78	8.55									11/3/20	8.97						6.74	9.60	9.71	7.74	9.43
6/3/20	12.01	7.89			6.48		9.16	10.23	8.90	9.19	9/3/20	10.90	8.72									11/3/20	9.06						6.74	9.64	9.76	7	

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1 mg/l	ve2 mg/l	ve5	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9		ve1 mg/l	ve2 mg/l	ve5	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9		ve1 mg/l	ve2 mg/l	ve5	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9
12/3/20	13.40	9.80	8.50		7.60		9.86	10.54	8.34	9.93	15/3/20	7.71	6.84	8.26	6.00		8.74	9.31	6.59	8.68		17/3/20	19.84	8.61	9.76				10.34	11.36	10.54	10.35
12/3/20	12.69	9.37	8.87		7.54		9.72	10.80	8.72	10.10	15/3/20	7.73	6.74	8.21	5.98		8.56	9.32	6.74	8.60		17/3/20	19.98	10.29	10.31				10.32	12.27	10.21	9.95
12/3/20	12.25	9.40	8.88		7.24		9.76	11.05	8.62	9.88	15/3/20	7.94	6.79	8.49	5.96		8.45	9.02	6.89	8.58		17/3/20	19.24	10.68	9.35				10.25	12.16	9.37	10.00
12/3/20	12.62	9.42	8.75		7.10		9.80	11.06	8.64	9.83	15/3/20	8.18	6.89	8.52	5.94		8.67	8.42	7.25	8.62		17/3/20	18.27	10.64	9.62				10.20	11.42	9.03	10.18
12/3/20	12.83	9.30	8.70		6.97		9.96	11.18	8.60	9.78	15/3/20	8.59	7.00	8.48	6.00		8.79	8.24	7.40	8.69		17/3/20	17.14	10.36	10.03				10.16	10.76	8.79	10.35
12/3/20	13.03	9.16	8.70		6.91		10.15	11.79	8.51	9.70	15/3/20	9.02	7.10	8.49	6.08		8.90	8.26	7.62	8.77		17/3/20	16.30	11.04	10.00				10.02	10.26	8.52	10.30
13/3/20	12.78	8.76	9.04		6.51		10.16	11.53	8.33	9.60	15/3/20	9.63	7.21	8.62	6.28		9.08	8.77	8.01	8.81		17/3/20	16.23	11.43	9.82				9.95	10.36	8.31	10.34
13/3/20	12.40	7.56	8.96		6.30		9.93	10.96	8.24	9.63	15/3/20	10.11	7.35	8.70	6.09		9.15	8.73	8.01	8.71		17/3/20	15.53	11.13	8.70				9.80	10.57	8.17	10.32
13/3/20	12.19	8.10	8.84		6.38		9.75	10.02	8.18	9.63	15/3/20	11.10	7.49	8.96	6.15		9.23	8.88	9.43	8.85		17/3/20	15.22	10.42	9.71				9.56	10.56	7.95	10.31
13/3/20	12.14	8.31	8.74		6.36		9.86	9.74	8.05	9.65	15/3/20	11.72	7.57	8.70	6.52		9.43	8.99	8.58	8.89		17/3/20	15.03	9.62	9.42				9.62	10.62	7.80	10.92
13/3/20	12.44	8.34	8.70		6.33		9.88	9.79	7.94	9.53	15/3/20	12.03	7.88	8.72	6.61		9.40	8.81	8.04	8.85		17/3/20	14.85	9.50	9.81				9.49	10.63	7.62	10.85
13/3/20	12.32	8.19	8.77		6.35		9.83	9.99	7.88	9.52	15/3/20	12.52	7.96	8.96	6.63		9.34	8.83	7.75	8.83		17/3/20	14.85	9.26	9.67				9.46	10.71	7.47	10.28
13/3/20	11.46	7.96	8.69		6.38		9.68	10.07	7.82	9.44	15/3/20	12.44	7.96	8.89	6.65		9.41	8.90	7.43	8.83		17/3/20	14.80	9.76	9.52				9.48	10.91	7.27	10.21
13/3/20	11.27	7.87	8.64		6.47		9.57	10.04	7.83	9.33	15/3/20	12.38	8.30	8.98	6.76		9.39	8.80	7.29	8.72		17/3/20	14.85	9.93	9.48				9.59	11.17	7.40	9.84
13/3/20	11.15	8.60	8.64		6.63		9.42	9.41	7.72	9.36	15/3/20	13.59	8.99	8.88	6.73		9.39	8.87	7.14	8.96		17/3/20	16.43	9.70	9.07				9.65	11.11	7.15	9.76
13/3/20	10.92	8.48	8.33		6.73		9.25	9.39	7.38	9.42	15/3/20	14.46	9.62	8.88	6.77		9.33	8.89	7.06	9.01		17/3/20	16.67	9.93	9.07				9.61	10.57	6.92	9.84
13/3/20	10.31	8.38	8.03		6.75		9.39	9.36	7.27	9.38	15/3/20	14.83	9.50	8.87	7.41		9.24	8.93	7.00	9.12		18/3/20	16.35	9.64	8.92				9.53	10.27	6.74	9.87
13/3/20	9.35	8.30	7.99		6.73		9.40	9.54	7.31	9.35	15/3/20	16.07	9.22	8.95	7.27		9.27	8.94	6.96	9.16		18/3/20	15.40	9.73	8.88				9.56	10.26	7.26	9.82
13/3/20	8.82	8.23	8.01		6.66		9.42	9.41	7.48	9.28	15/3/20	16.16	8.79	8.92	7.19		9.26	8.98	6.91	9.20		18/3/20	15.36	9.31	8.84				9.48	10.54	7.09	9.77
13/3/20	8.57	8.22	7.84		6.59		9.59	9.45	7.40	9.20	15/3/20	17.85	8.82	8.97	7.65		9.32	9.15	6.89	9.22		18/3/20	12.75	8.55	8.89				9.43	10.81	7.07	9.79
13/3/20	8.27	8.02	7.79		6.55		9.53	9.25	7.29	9.13	15/3/20	15.16	8.66	9.10	7.43		9.31	9.18	7.14	9.15		18/3/20	11.34	9.66	9.10				9.37	10.31	7.51	9.59
13/3/20	7.97	7.77	7.83		6.54		9.48	7.74	7.22	8.99	15/3/20	16.70	9.15	9.24	7.63		9.34	9.03	7.29	9.06		18/3/20	10.92	9.78	9.06				9.59	10.29	7.34	10.00
13/3/20	7.72	7.48	8.02		6.42		8.87	8.50	7.31	8.98	15/3/20	17.08	9.56	9.57	7.52		9.34	8.78	6.89	8.39		18/3/20	10.65	9.88	8.79				9.49	9.63	7.52	10.48
13/3/20	7.97	7.21	8.11		6.48		8.91	8.91	7.23	8.99	15/3/20	21.27	8.48	10.06	6.82		9.28	9.19	7.14	9.07		18/3/20	10.77	9.77	8.68				9.43	9.64	7.18	10.81
13/3/20	7.73	6.57	8.17		6.52		8.96	9.00	7.17	8.96	15/3/20	21.41	7.81	10.22	6.48		9.22	9.33	7.73	9.08		18/3/20	10.33	9.83	8.67				9.37	10.14	7.17	10.80
13/3/20	8.11	6.44	8.09		6.54		8.96	8.53	6.96	8.97	15/3/20	22.86	7.66	9.69	6.56		9.21	9.13	8.09	9.25		18/3/20	9.56	9.59	8.52				9.36	10.40	7.32	10.81
13/3/20	8.57	6.46	8.01		6.54		8.89	8.70	7.47	9.05	15/3/20	18.10	7.75	9.36	6.54		9.16	9.18	9.09	9.09		18/3/20	9.59	9.52	8.60				9.36	10.90	7.45	10.84
13/3/20	8.95	6.56	7.91		6.59		8.89	8.51	7.40	9.08	15/3/20	18.01	7.88	9.19	6.46		9.25	9.04	8.32	9.03		18/3/20	9.38	9.27	8.51				9.15	10.82	7.31	10.99
13/3/20	9.14	6.86	7.86		6.61		9.27	8.62	7.38	9.08	15/3/20	17.77	6.93	9.49	6.28		9.71	8.97	8.27	9.03		18/3/20	9.00	9.13	8.37				9.22	10.67	7.27	11.25
13/3/20	10.16	6.46	7.85		6.58		9.41	9.28	7.42	9.12	15/3/20	16.79	7.10	9.37	6.99		9.68	9.11	8.10	8.81		18/3/20	8.99	8.38	8.37				9.22	10.66	7.14	10.75
13/3/20	10.55	7.08	8.21		6.61		9.45	9.29	7.50	9.20	15/3/20	16.30	8.35	9.32	7.00		9.57	9.17	8.38	9.02		18/3/20	9.57	8.24	8.33				9.31	10.48	7.09	10.15
13/3/20	11.32	7.24	8.36		6.70		9.51	9.49	7.48	9.24	15/3/20	15.56	8.79	9.33	7.02		9.19	9.16	8.33	9.02		18/3/20	11.73	8.89	8.55				9.21	10.39	7.14	9.59
13/3/20	12.35	6.93	8.29		6.47		9.44	9.57	7.50	9.27	15/3/20	15.10	7.67	9.55	6.83		9.16	9.01	8.36	8.79		18/3/20	13.25	9.30	8.68				9.35	10.35	7.59	9.96
13/3/20	11.20	6.06	8.42		6.36		9.47	9.45	7.51	9.30	15/3/20	13.98	7.63	9.30	6.97		9.04	8.66	7.98	8.72		18/3/20	13.09	8.69	8.68				9.32	10.37	8.24	9.84
13/3/20	13.26	5.89	8.67		6.37		9.49	9.46	7.53	9.23	15/3/20	12.63	7.87	9.11	6.91		8.93	8.59	7.48	8.54		18/3/20	12.79	8.63	8.79				9.35	10.24	8.46	9.94
13/3/20	12.11	6.05	8.94		6.46		9.50	9.39	7.51	9.31	16/3/20	12.24	8.02	9.15	6.86		8.85	8.45	7.12	8.76		18/3/20	12.55	8.89	8.88				9.34	10.40	8.29	9.96
13/3/20	10.79	5.73	8.92		6.85		9.55	9.56	8.19	9.31	16/3/20	11.60	8.05	9.78	6.86		8.88	8.52	7.15	8.69		18/3/20	12.69	8.65	9.06				9.23	10.65	8.40	10.07
13/3/20	10.50	4.87	8.66		6.97		9.69	9.58	8.29	9.33	16/3/20	12.01	7.98	9.57	6.72		9.03	8.64	7.04	8.54		18/3/20	12.81	9.07	9.03				9.42	11.06	8.63	10.13
13/3/20	11.26	4.02	8.53		7.09		9.75	10.10	9.76	9.30	16/3/20	11.17	8.23	9.48	6.43		9.05	8.69	7.00	8.39		18/3/20	12.42	8.78	8.84				9.18	10.90	8.40	9.39
13/3/20	10.75	3.40	8.55		7.06		9.96	10.38	10.02	9.35	16/3/20	11.42	8.49	9.18	6.28		8.64	8.93	6.97	8.54		18/3/20	12.63	8.91	8.89				9.72	11.85	8.70	9.98
13/3/20	11.58	2.02	8.53		6.93		9.96	10.54	9.88	9.42	16/3/20	11.34	8.40	8.76	6.25		8.49	8.89	6.92	8.66		18/3/20	13.02	8.79	8.91				9.27	11.00	8.99	10.02
13/3/20	11.76	4.27	8.55		7.00		9.97	10.17	9.11	9.50	16/3/20	11.30	8.32	8.39	6.27		8.42	8.76	7.00	8.67		18/3/20	13.68	8								

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1 mg/l	ve2 mg/l	ve5	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9		ve1 mg/l	ve2 mg/l	ve5	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9		ve1 mg/l	ve2 mg/l	ve5	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9
20/3/20	11.84	9.42	8.18		7.16		9.34	10.23	7.07	11.14	22/3/20	9.29	6.51	8.59		6.17		8.82	8.22	6.84	8.53	24/3/20	11.92	7.63	8.53		6.98		9.33	10.43	8.09	9.46
20/3/20	11.47	9.46	8.24		7.21		9.47	10.05	7.11	10.85	22/3/20	9.17	6.55	8.63		6.19		8.75	8.11	7.04	8.48	24/3/20	11.57	7.85	8.52		6.77		9.03	10.37	7.79	9.35
20/3/20	10.97	9.24	8.27		7.17		9.42	9.69	7.25	10.67	22/3/20	9.07	6.60	8.64		6.14		8.72	7.92	7.64	8.55	24/3/20	11.40	7.94	8.88		6.54		8.83	10.49	7.66	9.29
20/3/20	10.40	8.98	8.27		7.14		9.96	9.41	7.24	10.32	22/3/20	9.15	6.73	8.61		6.25		8.75	8.28	9.06	8.23	24/3/20	11.11	8.00	8.85		6.25		8.87	10.34	7.48	9.21
20/3/20	10.03	8.83	8.13		7.29		10.18	9.50	7.21	10.01	22/3/20	9.30	6.64	8.63		6.20		8.81	8.42	9.58	8.14	24/3/20	10.91	8.29	9.03		6.19		8.94	10.13	7.35	9.11
20/3/20	10.87	8.65	7.99		7.41		10.29	9.25	7.10	9.66	22/3/20	9.68	6.66	8.64		6.35		8.72	8.39	9.77	8.34	24/3/20	10.84	8.27	9.38		6.16		8.93	9.95	7.31	9.15
20/3/20	10.86	8.61	7.89		7.14		10.23	9.05	6.94	9.35	22/3/20	9.95	6.63	8.76		6.32		8.82	8.38	8.49	8.30	24/3/20	10.70	8.21	9.34		6.13		8.88	9.76	7.30	9.07
20/3/20	10.21	8.55	7.95		7.09		10.13	8.76	6.74	9.85	22/3/20	10.63	6.70	8.76		6.31		8.67	8.44	7.88	8.21	25/3/20	11.10	8.26	9.17		6.22		8.65	9.52	7.23	9.11
20/3/20	10.52	8.61	7.84		6.73		9.90	8.55	6.75	9.82	22/3/20	11.07	6.68	8.82		6.52		8.57	8.40	7.29	8.12	25/3/20	11.09	8.27	8.94		6.24		8.60	9.51	7.13	9.21
20/3/20	10.87	8.31	7.86		6.51		9.21	8.73	7.33	10.00	22/3/20	11.50	6.64	8.59		6.53		8.70	8.72	7.37	8.05	25/3/20	11.30	8.14	9.19		6.24		8.83	9.52	7.04	9.25
20/3/20	11.04	8.04	7.86		6.38		9.09	9.00	7.42	10.07	22/3/20	12.14	6.61	8.70		6.42		9.00	8.64	7.47	7.94	25/3/20	11.18	7.89	9.17		6.27		8.83	8.96	6.96	9.38
20/3/20	10.41	7.78	8.06		6.55		8.96	9.12	7.30	10.19	22/3/20	12.83	6.69	8.49		6.31		9.15	8.65	7.79	7.83	25/3/20	10.80	8.60	9.17		6.29		8.89	9.39	6.72	9.42
20/3/20	9.55	7.70	8.08		6.36		8.84	9.22	7.29	10.21	22/3/20	12.21	6.70	8.58		6.49		9.18	9.05	7.94	7.96	25/3/20	10.34	8.15	9.00		6.25		8.68	9.61	6.67	9.33
20/3/20	8.96	7.98	8.05		6.30		9.33	9.15	7.26	10.25	22/3/20	12.22	6.48	8.56		6.74		9.03	9.26	7.96	7.95	25/3/20	10.04	7.70	8.85		6.19		8.66	9.55	6.71	9.29
20/3/20	10.78	8.00	8.02		6.55		9.01	9.12	7.31	10.28	22/3/20	11.47	6.27	8.52		6.84		9.17	9.14	7.19	7.97	25/3/20	9.86	7.53	8.69		6.22		8.58	9.49	7.00	9.26
20/3/20	11.58	7.68	8.29		6.58		9.01	9.10	7.23	10.25	22/3/20	10.16	6.36	8.85		7.08		9.02	9.08	7.14	8.03	25/3/20	10.07	7.66	8.65		6.13		8.50	9.28	7.09	9.20
20/3/20	11.38	8.13	8.53		6.60		9.02	9.04	7.28	10.19	22/3/20	9.68	6.47	8.83		6.45		9.01	9.09	7.17	8.00	25/3/20	10.03	7.53	8.56		6.18		8.81	8.90	7.17	9.22
20/3/20	11.44	8.25	8.50		6.64		9.20	9.18	7.37	10.13	22/3/20	9.87	6.69	8.78		6.16		8.86	9.43	7.28	8.15	25/3/20	9.89	7.55	8.61		6.18		8.76	9.37	7.21	9.29
20/3/20	11.62	8.50	8.50		7.01		9.24	9.21	8.58	10.27	22/3/20	9.91	6.35	7.99		6.04		8.80	9.62	7.20	8.22	25/3/20	9.78	7.55	8.64		6.24		8.76	9.28	7.13	9.41
20/3/20	11.97	8.45	8.75		7.16		9.72	9.39	9.15	10.26	22/3/20	9.48	6.25	9.16		5.98		8.88	9.65	7.17	8.26	25/3/20	9.65	7.56	8.62		6.11		8.71	9.49	7.14	9.51
20/3/20	12.98	8.39	8.42		7.19		9.80	9.48	8.30	9.86	22/3/20	9.10	6.28	8.87		5.98		8.85	9.37	7.14	8.33	25/3/20	9.56	7.75	8.62		6.10		8.62	9.73	7.17	9.47
20/3/20	14.09	8.75	8.33		7.39		9.93	9.63	7.99	9.90	22/3/20	8.89	6.29	9.02		6.02		8.87	9.35	7.08	8.31	25/3/20	9.58	7.73	8.63		6.03		8.88	9.71	7.18	9.59
20/3/20	14.30	8.95	8.84		7.56		10.28	9.53	7.36	9.84	22/3/20	8.93	6.35	8.94		6.03		8.76	9.10	7.04	8.31	25/3/20	9.70	7.66	8.82		6.03		8.87	9.46	7.39	9.51
20/3/20	15.58	9.05	8.75		7.85		10.42	9.41	7.73	9.85	22/3/20	8.81	6.55	8.90		6.04		8.66	9.06	7.07	8.27	25/3/20	9.89	7.61	8.88		6.13		8.84	9.56	7.35	9.51
20/3/20	16.75	8.93	8.62		8.13		10.49	9.40	7.98	9.92	22/3/20	8.67	6.62	8.94		6.01		8.64	8.97	7.03	8.37	25/3/20	10.07	7.63	8.86		6.20		8.92	9.38	7.24	9.33
20/3/20	18.04	8.82	9.35		8.26		10.73	9.77	8.67	9.87	22/3/20	8.36	6.66	8.83		6.01		8.69	8.78	7.01	8.42	25/3/20	10.00	7.59	8.83		6.23		8.84	9.30	7.14	9.36
20/3/20	19.50	8.87	8.52		8.43		10.95	9.73	9.36	10.07	22/3/20	8.04	6.78	8.84		5.97		8.63	8.72	7.00	8.47	25/3/20	9.78	7.53	8.90		6.24		8.87	9.18	7.08	9.35
20/3/20	20.82	9.05	8.55		8.42		11.15	8.92	9.60	10.19	23/3/20	7.91	6.73	8.83		5.97		8.71	8.69	6.90	8.66	25/3/20	9.47	7.52	8.99		6.25		8.87	9.07	7.03	9.31
20/3/20	21.49	8.86	8.64		8.41		11.22	8.95	10.07	10.32	23/3/20	7.81	6.62	8.79		5.94		8.72	8.67	6.84	8.72	25/3/20	9.73	7.50	8.99		6.24		8.89	8.93	7.04	9.28
20/3/20	21.81	7.64	9.13		8.39		11.12	9.16	9.82	10.24	23/3/20	7.63	6.63	8.64		5.96		8.57	8.55	6.67	8.71	25/3/20	9.42	7.34	8.87		6.26		8.87	8.88	7.03	9.32
20/3/20	21.32	8.29	9.41		8.38		11.13	9.28	9.57	10.25	23/3/20	7.57	6.59	8.56		5.94		8.63	8.62	6.54	8.77	25/3/20	8.99	7.15	8.98		6.21		8.82	8.84	7.03	9.33
20/3/20	19.17	8.70	9.45		8.34		11.17	9.29	9.36	10.22	23/3/20	7.49	6.59	8.48		5.88		8.61	8.83	6.51	8.67	25/3/20	9.32	7.19	9.01		6.23		8.86	8.85	7.04	9.29
20/3/20	18.51	8.72	9.27		8.38		11.56	9.38	8.87	10.18	23/3/20	7.39	6.74	8.67		5.88		8.55	8.81	6.61	8.51	25/3/20	9.18	7.13	8.95		6.26		8.88	8.92	7.07	9.43
20/3/20	17.22	10.09	9.22		8.39		11.06	9.61	8.57	9.96	23/3/20	7.40	6.82	8.59		5.87		8.58	8.89	6.75	8.43	25/3/20	8.92	7.06	8.93		6.27		8.86	8.88	7.08	9.48
20/3/20	15.04	10.88	9.88		8.39		10.51	9.70	8.57	9.95	23/3/20	7.40	6.98	8.59		5.87		8.62	9.05	6.79	8.40	25/3/20	8.85	7.10	8.87		6.25		8.85	8.92	7.49	9.49
20/3/20	14.29	9.69	8.80		8.46		10.21	10.73	8.56	9.91	23/3/20	7.53	6.92	8.59		5.89		8.64	9.17	6.87	8.40	25/3/20	8.77	7.17	8.91		6.15		8.87	9.09	7.85	9.58
20/3/20	13.65	9.37	8.82		7.98		10.24	11.10	8.31	9.86	23/3/20	7.69	6.95	8.68		5.90		8.49	9.27	6.89	8.50	25/3/20	8.80	7.17	8.86		6.17		8.86	9.06	7.73	9.64
20/3/20	13.43	9.60	7.99		7.31		9.91	10.89	8.07	10.25	23/3/20	7.88	6.98	8.64		5.92		8.63	9.04	6.94	8.71	25/3/20	8.75	7.34	8.83		6.16		8.73	9.25	7.58	9.40
20/3/20	13.57	10.20	8.77		7.13		9.69	10.60	7.90	10.66	23/3/20	7.94	7.04	8.59		5.93		8.64	9.06	6.88	9.17	25/3/20	8.57	7.41	8.89		5.98		8.71	9.37	7.14	9.30
20/3/20	13.46	10.75	8.87		6.61		9.51	10.41	7.73	11.16	23/3/20	8.02	6.96	8.55		6.03		8.64	9.20	6.94	8.92	25/3/20	8.50	7.36	8.89		6.01		8.71	9.32	6.85	9.28
20/3/20	13.28	11.55	8.80		6.35		9.47	10.08	7.56	11.50	23/3/20	8.05	7.15	8.63		5.99		8.60	9.48	7.10	8.92	25/3/20	8.41	7.44	8.89		6.07		8.74	9.37	6.92	9.29
20/3/20	12.77	9.23	8.75		6.32		9.39	9.95																								

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l
27/3/20	8.98	7.49	8.88	6.32			8.87	9.37	7.41	9.80	29/3/20	13.15	9.49	8.66	7.19			10.40	9.82	9.01	9.53	1/4/20	9.41	6.73	8.78	6.05	9.37	8.73	8.73	6.70	8.90	
27/3/20	8.93	7.39	9.00	6.30			8.93	9.44	7.50	9.76	29/3/20	14.06	9.12	8.68	7.26			10.54	10.51	9.56	9.55	1/4/20	9.22	6.69	8.49	6.02	9.74	8.73	8.68	6.70	9.05	
27/3/20	8.96	7.49	9.01	6.33			8.90	9.52	7.57	9.78	29/3/20	15.21	8.78	8.69	7.42			10.51	10.62	9.14	9.66	1/4/20	9.17	6.64	8.69	6.05	9.34	8.70	8.63	6.69	9.05	
27/3/20	9.02	7.43	8.95	6.34			8.90	9.50	7.77	9.72	29/3/20	16.20	8.49	8.70	7.41			10.28	10.65	8.94	9.62	1/4/20	8.91	6.69	8.67	6.08	8.77	8.73	8.57	6.37	9.18	
27/3/20	9.13	7.37	8.93	6.33			8.93	9.71	7.71	9.64	29/3/20	15.27	8.63	8.66	7.40			10.17	10.44	8.68	9.76	1/4/20	8.84	6.79	8.67	6.13	8.79	8.70	8.58	6.22	9.23	
27/3/20	9.20	7.41	8.98	6.28			8.98	9.58	7.44	9.60	29/3/20	13.00	8.60	8.65	7.48			10.35	10.50	8.32	9.65	1/4/20	9.06	6.81	8.64	6.17	8.81	8.70	8.55	6.16	9.00	
27/3/20	9.26	7.43	8.96	6.42			8.99	9.45	7.50	9.66	29/3/20	13.37	8.46	8.68	7.50			10.48	9.77	7.97	9.60	1/4/20	9.07	7.40	8.48	6.26	8.74	8.71	8.58	6.13	8.91	
27/3/20	9.37	7.37	9.00	6.47			9.06	9.38	7.31	9.59	29/3/20	14.51	8.32	8.64	7.49			10.28	10.00	7.88	10.00	1/4/20	9.04	7.48	8.33	6.25	8.66	8.69	8.98	6.15	8.77	
27/3/20	9.48	7.30	9.00	6.51			8.99	9.34	7.25	9.57	29/3/20	15.49	8.49	8.60	8.83			10.66	10.15	7.45	9.89	1/4/20	8.98	7.53	8.48	6.22	8.60	8.69	8.49	6.32	8.76	
27/3/20	9.49	7.26	9.04	6.52			9.03	9.17	7.08	9.54	29/3/20	16.02	8.53	8.62	8.34			10.32	9.81	8.44	9.73	1/4/20	8.79	7.45	8.56	6.21	8.50	8.68	8.62	6.50	8.67	
27/3/20	9.39	7.23	8.99	6.55			9.03	9.11	7.04	9.51	29/3/20	15.42	8.35	8.61	7.79			10.22	10.95	8.08	9.63	1/4/20	8.97	7.46	8.57	6.21	8.43	8.65	8.62	6.68	8.62	
27/3/20	9.46	7.28	9.02	6.57			9.01	8.95	7.00	9.44	29/3/20	14.34	8.14	8.46	7.68			10.32	10.84	8.13	9.60	1/4/20	9.15	7.40	8.59	6.20	8.35	8.66	8.93	6.86	8.58	
27/3/20	9.60	7.34	8.98	6.51			9.02	9.10	6.99	9.41	29/3/20	13.97	8.14	8.38	7.52			10.29	10.25	8.21	9.62	1/4/20	9.36	7.49	8.61	6.20	8.47	8.66	8.38	7.18	8.67	
27/3/20	9.72	7.36	9.00	6.46			9.04	9.21	7.00	9.43	29/3/20	14.33	8.17	8.73	7.56			10.26	10.38	7.74	9.64	1/4/20	9.60	7.52	8.65	6.20	8.67	8.73	8.34	7.64	8.56	
27/3/20	9.79	7.35	9.00	6.43			9.09	9.53	7.04	9.41	29/3/20	14.46	8.72	8.54	7.33			10.24	10.52	7.47	9.64	1/4/20	9.89	7.49	8.62	6.21	8.95	8.76	8.30	8.11	8.59	
27/3/20	9.82	7.43	9.00	6.45			9.13	9.87	7.08	9.49	29/3/20	14.36	9.43	8.53	7.30			10.21	10.30	7.38	9.93	1/4/20	10.03	7.48	8.74	6.28	9.19	8.83	8.48	8.28	8.72	
27/3/20	9.81	7.41	9.02	6.46			9.05	10.02	7.10	9.55	29/3/20	14.35	9.93	8.59	7.12			10.14	10.26	7.25	10.11	1/4/20	10.21	7.38	8.74	6.39	9.33	8.71	8.62	8.56	8.73	
27/3/20	9.65	7.40	9.09	6.50			9.06	9.66	7.24	9.62	30/3/20	14.23	8.96	8.53	6.55			10.09	10.08	7.30	10.16	1/4/20	10.60	7.32	8.76	6.46	9.37	8.81	8.71	8.16	8.80	
27/3/20	9.67	7.39	9.07	6.45			9.07	9.43	8.10	9.55	30/3/20	13.95	9.31	8.47	6.49			10.07	9.83	7.29	10.16	1/4/20	11.10	7.42	8.68	6.63	9.35	8.99	8.92	9.40	8.85	
27/3/20	9.85	7.43	9.08	6.53			9.12	9.68	8.26	9.53	30/3/20	13.87	8.78	8.53	6.46			9.97	10.14	7.32	10.09	1/4/20	11.80	7.36	8.68	6.71	9.70	9.11	8.94	9.54	8.86	
27/3/20	9.97	7.48	9.08	6.62			9.12	9.70	8.32	9.49	30/3/20	14.25	8.77	8.48	6.43			10.09	10.57	7.29	9.85	1/4/20	12.31	7.22	8.64	6.80	10.62	9.19	9.16	9.40	8.96	
27/3/20	10.02	7.51	9.01	6.65			9.17	9.55	8.53	9.51	30/3/20	13.88	8.76	8.47	6.44			10.11	10.61	7.22	9.61	1/4/20	12.74	7.43	8.70	7.12	11.22	9.26	9.36		9.12	
27/3/20	10.15	7.46	9.04	6.64			9.17	9.40	8.09	9.43	30/3/20	12.96	8.49	8.37	6.84			10.02	10.61	7.25	9.48	1/4/20	12.90	7.62	8.73	7.35	11.25	9.32	9.38		9.02	
27/3/20	10.21	7.42	9.06	6.64			9.20	9.28	8.05	9.35	30/3/20	11.76	9.88	8.44	6.76			9.59	10.38	7.23	9.50	1/4/20	13.44	7.67	8.72	6.86	11.08	9.55	9.26		9.01	
27/3/20	10.31	7.36	9.04	6.65			9.30	9.55	7.81	9.29	30/3/20	11.10	9.06	8.47	6.78			9.68	9.71	7.06	9.77	1/4/20	14.08	7.38	8.71	6.74	10.86	9.89	9.24		9.02	
27/3/20	10.23	7.29	9.04	6.68			9.33	9.21	7.66	9.26	30/3/20	10.61	8.28	8.41	6.84			9.79	9.65	6.82	9.73	1/4/20	14.99	7.60	8.79	6.99	11.53	9.79	9.32		8.93	
27/3/20	10.11	7.29	8.97	6.69			9.34	9.19	7.57	9.25	30/3/20	10.23	8.35	8.41	6.87			9.78	9.48	6.53	9.63	1/4/20	14.91	8.40	8.79	6.91	11.15	9.82	9.38		9.04	
27/3/20	10.27	7.32	9.03	6.90			9.41	9.29	7.49	9.29	30/3/20	9.74	8.23	8.25	6.90			9.37	9.49	6.39	9.56	1/4/20	14.93	8.84	8.86	6.83	10.52	9.85	9.13		9.18	
27/3/20	10.05	7.28	8.91	7.08			9.26	9.40	7.33	9.24	30/3/20	9.40	8.10	8.37	6.85			9.23	9.43	6.39	9.42	1/4/20	14.26	9.35	8.95	7.52	10.47	9.79	9.06		9.23	
27/3/20	9.91	7.21	8.80	6.89			9.18	9.31	7.16	9.29	30/3/20	9.06	7.97	8.26	6.83			9.20	9.29	6.60	9.34	1/4/20	13.28	9.47	9.06	8.06	10.44	9.79	8.94		9.24	
27/3/20	9.67	7.19	8.82	6.74			9.28	10.24	7.23	9.32	30/3/20	8.90	7.69	8.25	6.79			9.21	9.10	6.71	9.30	1/4/20	13.23	9.84	9.15	7.71	10.19	9.80	8.96		9.24	
27/3/20	9.61	6.98	8.83	6.72			9.19	10.21	7.60	9.44	30/3/20	8.78	7.48	8.45	6.76			9.45	8.87	6.74	9.07	1/4/20	13.88	10.16	9.14	7.46	10.00	9.98	8.83		9.18	
27/3/20	9.42	6.96	8.90	6.61			9.25	10.32	7.65	9.51	30/3/20	8.94	7.33	8.54	6.82			9.91	8.67	6.79	9.04	1/4/20	13.56	10.21	9.02	7.40	9.80	10.06	8.86		9.10	
27/3/20	9.23	7.11	8.98	6.63			9.28	10.28	7.54	9.51	30/3/20	9.38	7.19	8.53	6.84			9.54	8.72	6.82	9.04	1/4/20	13.07	10.38	9.01	7.49	9.52	10.07	8.85		9.16	
27/3/20	9.07	7.29	8.76	6.56			9.19	10.29	7.41	9.47	30/3/20	10.09	7.22	8.58	6.70			9.53	8.82	7.33	8.97	1/4/20	12.78	10.10	8.96	7.61	9.33	10.17	8.78		9.06	
27/3/20	9.02	7.37	8.74	6.60			9.18	10.13	7.33	9.43	30/3/20	10.80	7.32	8.62	6.70			9.38	8.72	7.98	8.96	1/4/20	12.55	9.95	9.86	6.36	9.21	10.12	8.65		9.15	
28/3/20	8.97	7.33	8.74	6.55			9.23	9.95	7.30	9.38	30/3/20	11.27	7.39	8.60	6.65			9.28	8.63	8.49	8.94	1/4/20	12.20	10.05	9.24	6.14	9.10	10.11	8.70		9.13	
28/3/20	8.96	7.42	8.74	6.38			9.22	9.72	7.28	9.31	30/3/20	11.52	7.42	8.65	6.64			9.44	8.80	7.66	8.94	1/4/20	11.90	10.06	9.22	6.11	9.01	10.09	8.70		9.14	
28/3/20	8.81	7.48	8.85	6.37			9.14	9.46	7.26	9.34	30/3/20	11.68	7.39	8.60	6.76	10.52		9.44	8.66	7.43	8.88	1/4/20	13.26	10.06	9.16	6.11	8.93	10.05	8.73		9.14	
28/3/20	8.65	7.47	8.82	6.34			9.13	9.46	7.24	9.39	30/3/20	11.90	7.39	8.66	6.78	10.30		9.46	8.74	7.33	8.84	1/4/20	13.19	9.95	9.27	6.30	8.67	10.03	8.77		9.14	
28/3/20	9.78	7.45	8.92	6.35			9.15	9.51	7.19	9.34	30/3/20	11.67	7.35	8.65	6.80	10.24		9.35	9.16	7.21	8.86	1/4/20	13.47	9.46	9.42	6.31	9.12	9.84	8.83		9.07	
28/3/20	9.72	7.12	8.92	6.32			9.19	9.50	7.18	9.54	30/3/20	11.46	7																			

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1	ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1	ENC2	ENC4	PC1	EC	PC2
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l
3/4/20	13.04	7.13	8.62	7.02	9.37	8.98	9.41	9.76	9.82	5/4/20	11.59	7.69	9.22	6.71	9.70	9.34	9.58	7.86	8.68	8/4/20	7.30	6.29	8.17	6.66	9.62	8.70	6.42	7.61		
3/4/20	14.14	7.29	8.59	7.20	9.54	8.95	9.25	9.34	9.78	5/4/20	11.06	7.28	9.43	6.32	9.56	9.33	9.48	8.94	8.94	8/4/20	7.15	6.18	8.30	6.62	9.83	8.42	6.36	7.18		
3/4/20	13.94	7.91	8.62	7.43	9.77	9.10	9.49	9.17	10.09	5/4/20	11.27	7.34	9.48	6.25	9.39	9.12	9.41	7.72	9.10	8/4/20	7.61	6.12	8.27	6.57	9.36	8.47	6.47	7.17		
3/4/20	14.06	7.32	8.65	7.66	10.06	8.86	9.51	9.28	10.08	5/4/20	11.69	8.31	9.40	6.19	9.31	9.21	9.21	7.66	9.48	8/4/20	8.00	6.04	8.42	6.54	9.13	8.64	6.78	7.11		
3/4/20	14.90	7.16	8.70	7.74	10.16	8.94	9.63	9.26	9.73	5/4/20	11.66	8.01	9.55	6.11	9.23	8.72	9.14	7.60	9.74	8/4/20	8.52	6.05	8.50	6.70	9.88	8.45	6.53	7.41		
3/4/20	15.92	7.25	8.81	8.09	10.27	9.18	9.77	9.72	5/4/20	11.22	7.00	9.38	6.29	9.15	8.75	8.70	7.62	9.80	8/4/20	9.30	5.99	8.49	6.51	9.14	8.38	6.70	7.60			
3/4/20	16.96	7.14	8.64	8.31	10.52	9.24	9.74	8.62	9.59	5/4/20	10.37	6.94	9.34	6.30	9.17	8.71	8.48	7.60	9.39	8/4/20	10.30	6.23	8.65	6.98	9.24	8.43	6.71	7.61		
3/4/20	18.14	7.10	8.68	8.38	10.72	9.22	9.76	8.80	9.60	5/4/20	10.33	6.93	9.16	6.30	9.39	8.73	8.57	7.54	8.63	8/4/20	11.06	5.86	8.54	6.86	9.49	8.93	6.57	7.64		
3/4/20	18.41	7.35	8.66	8.51	11.72	9.44	9.81	9.12	9.78	6/4/20	11.08	7.08	9.16	6.29	9.24	8.67	8.57	7.45	8.36	8/4/20	11.46	6.67	8.62	6.68	9.43	8.90	6.62	7.79		
3/4/20	18.48	7.39	8.69	8.56	11.63	9.52	9.75	9.42	9.94	6/4/20	12.13	7.10	9.26	6.28	9.18	8.74	8.56	7.30	8.24	8/4/20	12.01		8.48	6.79	9.56	8.93	6.63	7.89		
3/4/20	17.84	7.37	8.90	8.52	11.87	9.61	9.58	9.34	9.92	6/4/20	12.64	7.13	9.23	6.31	9.23	8.64	8.22	7.08	8.19	8/4/20	12.76	7.62	8.56	6.97	9.65	8.96	6.72	7.89		
3/4/20	17.62	7.39	8.78	8.51	10.62	9.54	9.70	9.26	9.84	6/4/20	11.81	7.25	9.42	6.32	9.37	8.57	8.65	6.93	8.53	8/4/20	13.21	7.76	8.55	7.02	9.94	9.08	6.72	7.71		
3/4/20	17.15	8.51	9.05	8.56	10.13	9.55	9.94	9.08	9.79	6/4/20	9.79	7.19	8.85	6.28	9.35	8.61	8.65	6.72	8.52	8/4/20	13.73	7.66	8.65	7.09	10.24	8.98	6.74	7.76		
3/4/20	16.88	9.23	9.42	8.60	10.64	9.47	9.94	9.01	9.69	6/4/20	9.81	7.35	8.95	6.27	9.31	8.65	8.57	6.67	8.83	8/4/20	13.90	7.58	8.62	6.51	10.45	8.98	6.80	7.60		
3/4/20	16.41	9.51	9.91	8.60	10.34	10.39	10.09	8.88	9.76	6/4/20	9.81	6.73	9.10	6.26	9.35	8.52	8.51	6.74	8.88	8/4/20	12.90	7.51	8.68	6.50	10.88	9.09	6.81	7.32		
3/4/20	15.34	9.60	9.03	8.60	10.14	9.99	10.68	8.54	9.91	6/4/20	9.60	6.51	9.24	6.28	9.32	8.60	8.14	6.62	8.62	8/4/20	12.88	7.40	8.64	6.51	9.75	8.93	6.69	7.84		
3/4/20	14.77	9.40	8.69	7.97	9.89	10.00	10.46	8.29	10.08	6/4/20	9.37	6.39	9.03	6.32	9.27	8.54	8.08	6.68	8.39	8/4/20	13.04	7.47	8.62	6.63	9.56	8.76	7.81	7.81		
3/4/20	14.21	9.42	8.54	7.45	9.71	10.16	10.37	8.09	10.27	6/4/20	9.33	6.37	8.75	6.31	9.18	8.41	8.10	6.68	8.12	8/4/20	12.97	7.13	8.65	6.71	9.39	9.37	9.46	7.92		
3/4/20	13.78	9.38	8.52	6.56	9.68	10.06	10.20	7.92	10.49	6/4/20	9.71	6.28	8.87	6.21	9.03	8.55	7.72	6.59	7.98	8/4/20	14.46	7.20	8.57	6.80	9.41	9.09	9.56	7.91		
3/4/20	13.55	10.20	8.65	6.40	9.63	10.04	10.18	7.81	10.77	6/4/20	9.89	6.26	8.64	5.95	9.01	8.43	7.83	6.46	7.82	8/4/20	15.05	6.99	8.65	7.03	9.42	8.87	9.30	7.89		
3/4/20	13.34	10.77	8.71	6.31	9.44	10.07	10.28	7.70	10.79	6/4/20	9.67	6.29	8.84	5.90	8.86	8.33	8.03	6.27	7.92	8/4/20	16.02	6.77	8.83	7.29	9.33	8.65	9.04	8.11		
3/4/20	13.28	9.91	8.67	6.31	9.17	9.84	10.36	7.61	10.26	6/4/20	9.47	6.31	8.92	5.80	8.87	8.33	8.03	6.22	7.99	8/4/20	17.26	6.71	8.78	7.62	9.38	8.71	9.11	8.15		
3/4/20	11.80	9.60	8.74	6.30	9.23	9.89	10.63	7.54	10.17	6/4/20	9.39	6.13	8.99	5.80	8.93	8.31	7.75	6.60	8.11	8/4/20	18.06	6.64	8.83	7.91	9.60	8.83	8.01	7.61		
3/4/20	13.04	8.87	8.54	6.56	9.80	10.49	9.49	7.43	9.85	6/4/20	9.44	6.02	8.99	6.04	8.91	8.44	7.74	6.75	8.16	8/4/20	18.63	6.50	8.76	8.05	9.80	8.87	8.06	7.78		
3/4/20	13.45	8.97	8.39	6.78	9.55	9.09	10.34	7.41	9.74	6/4/20	9.49	6.40	9.11	6.11	9.01	8.44	7.99	6.79	8.20	8/4/20	18.31	6.48	8.81	8.13	9.93	9.13	8.16	7.91		
3/4/20	14.32	8.83	8.43	6.77	9.42	8.99	9.67	7.30	9.89	6/4/20	9.52	6.68	9.15	6.19	9.14	8.53	7.95	6.90	8.23	8/4/20	18.95	6.35	8.80	8.07	9.85	8.79	7.75	7.68		
3/4/20	12.19	8.96	8.52	6.77	9.34	8.96	9.70	7.05	9.73	6/4/20	10.13	6.91	9.08	6.31	9.27	8.68	7.90	6.94	8.27	8/4/20	17.77	6.51	8.75	8.09	9.69	8.84	8.24	8.21		
4/4/20	10.20	8.79	8.32	6.89	9.39	8.93	9.90	6.99	10.16	6/4/20	10.63	6.93	8.95	6.32	9.34	8.65	7.84	7.02	8.31	8/4/20	16.85	6.70	8.84	8.13	9.18	9.30	8.43	8.22		
4/4/20	9.63	8.70	8.39	6.95	9.35	8.88	9.65	6.94	10.18	6/4/20	10.70	6.78	9.03	6.37	9.53	8.71	7.85	7.09	8.31	8/4/20	15.80	6.64	8.77	8.14	10.20	9.52	8.17	8.27		
4/4/20	9.95	8.33	8.32	7.02	9.65	8.80	9.65	6.87	9.72	6/4/20	10.68	6.61	9.11	6.32	9.66	8.97	8.01	7.08	8.29	8/4/20	15.51	6.86	8.77	7.84	10.22	9.64	8.37	8.11		
4/4/20	10.01	8.38	8.50	6.99	9.73	8.76	9.41	7.02	9.66	6/4/20	10.38	6.57	9.14	6.30	9.73	8.99	7.96	7.11	8.27	8/4/20	15.74	6.61	8.66	7.52	10.02	9.35	8.20	7.97		
4/4/20	9.45	8.19	8.50	7.01	9.86	8.68	9.02	7.35	9.92	6/4/20	10.62	6.52	9.09	6.29	9.36	8.84	7.85	7.32	8.22	8/4/20	15.90	6.99	8.75	7.42	9.67	9.32	7.71	7.96		
4/4/20	9.16	8.61	8.43	6.94	10.04	8.58	8.86	7.68	9.78	6/4/20	11.08	6.60	9.20	6.33	9.40	8.68	8.25	7.82	8.31	8/4/20	15.83	7.80	8.71	6.92	9.55	9.30	7.51	8.06		
4/4/20	8.80	8.25	8.54	6.95	10.36	8.67	8.70	7.71	9.72	6/4/20	11.64	6.28	9.20	6.33	9.06	8.70	8.57	8.05	8.31	8/4/20	15.41	8.02	8.80	6.57	9.48	9.13	7.38	8.45		
4/4/20	8.72	8.06	8.47	6.95	10.33	9.01	8.73	7.61	9.64	6/4/20	13.12	6.42	9.11	6.45	9.14	8.66	8.75	9.57	8.35	8/4/20	15.27	8.33	8.84	6.44	9.38	9.20	7.40	8.38		
4/4/20	8.73	7.97	8.64	6.84	10.25	8.94	8.35	7.41	9.59	6/4/20	14.27	6.60	9.16	6.68	9.07	8.79	8.79	9.76	8.40	8/4/20	15.04	7.68	8.94	6.36	9.31	9.15	7.44	8.95		
4/4/20	9.56	7.77	8.71	6.85	9.95	8.78	8.20	7.53	9.66	6/4/20	14.72	6.75	9.25	6.98	9.16	8.98	8.85	8.35	8.37	8/4/20	14.95	7.23	8.69	6.44	9.23	9.11	7.45	9.07		
4/4/20	9.77	7.68	8.58	6.59	9.55	8.74	8.31	7.35	9.52	6/4/20	14.14	6.33	9.19	7.48	9.46	9.05	8.52	7.89	8.29	9/4/20	14.75	7.01	8.75	6.44	9.39	9.05	7.45	8.84		
4/4/20	9.43	7.72	8.41	6.32	9.31	8.73	8.53	7.59	9.76	6/4/20	15.59	6.28	9.41	7.85	9.99	8.77	9.24	7.86	8.31	9/4/20	14.59	7.57	8.69	6.45	9.08	8.97	7.31	7.96		
4/4/20	9.70	7.75	8.43	6.36	9.17	8.40	8.90	7.63	10.26	6/4/20	17.83	6.46	9.20	7.19	10.83	8.94	9.23	7.71	8.32	9/4/20	13.94	8.14	8.63	6.52	9.00	9.11	7.14	8.06		
4/4/20	10.17	7.70	8.43	6.34	9.08	8.53	8.90	7.67	10.56	6/4/20	20.61	6.63	9.54	7.89	11.83	8.86	9.22	7.95	8.36	9/4/20	13.72	7.99	8.64	6.56	8.96	9.94	7.15	8.06		
4/4/20	10.31	7.52	8.35	6.34	9.12	8.88	9.19	7.55	10.66	6/4/20	21.46	6.64	9.20	7.69	12.51	9.29	9.23	8.15	8.40	9/4/20	13.06	6.97	8.59	6.70	9.01	8.72	6.86	8.51		
4/4/20	10.56	7.42	8.47	6.48	9.17	8.79	9.01	7.43	10.79	6/4/20	22.41	6.35	8.98	8.08	12.69	9.08	9.46	8.16												

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9		ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9		ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9
10/4/20	15.61	7.70	8.33		7.36	10.08	9.20		8.30	7.91	13/4/20	11.71	6.88	9.02			9.18	8.14		6.59	7.59	15/4/20	8.70	5.82	7.63		5.42	7.27	7.84	7.85	10.82	7.09
10/4/20	15.55	7.98	8.43		7.13	9.65	8.84		9.46	7.93	13/4/20	12.41	6.64	9.06			9.76	7.87		6.56	7.35	15/4/20	9.06	5.88	7.50		5.49	7.22	8.11	7.94	10.60	7.09
10/4/20	15.73	8.35	8.34		7.61	9.67	8.84		9.55	7.99	13/4/20	12.68	6.94	8.87		5.07	9.46	7.80		6.72	7.34	15/4/20	9.19	5.90	7.50		5.48	8.00	8.21	8.18	9.93	7.13
10/4/20	16.37	8.34	8.43		7.44	9.94	8.96		9.29	8.09	13/4/20	12.05	7.03	8.99		5.44	8.93	8.04		6.20	7.27	15/4/20	10.16	5.99	7.65		5.84	8.82	8.04	7.97	9.98	7.08
10/4/20	15.34	8.07	8.64		7.94	9.88	9.31		8.81	8.10	13/4/20	12.14	7.06	8.94		5.57	8.57	7.64		6.18	7.15	15/4/20	11.18	5.75	7.53		6.06	9.15	7.98	9.45	10.42	7.56
10/4/20	15.49	8.03	8.56		7.94	9.74	9.49		8.30	7.91	13/4/20	12.44	7.78	8.79		5.42	8.52	7.70		5.66	6.90	15/4/20	12.68	6.00	7.53		6.49	10.53	7.97	8.93	10.33	7.50
10/4/20	17.13	7.79	8.54		7.95	9.75	9.24		7.88	8.09	13/4/20	12.58	7.62	8.57		5.01	8.71	7.96		5.79	7.09	15/4/20	13.23	6.04	7.58		6.70	10.00	8.21	7.63	9.85	7.66
10/4/20	17.67	7.04	8.31		7.96	9.74	9.30		7.31	8.14	13/4/20	13.11	7.38	8.36		4.97	8.75	6.73		5.28	7.04	15/4/20	13.63	6.12	7.60		7.22	9.39	8.39	8.15	8.75	8.00
10/4/20	18.49	7.41	8.33		7.88	9.65	9.33		6.60	8.02	13/4/20	11.65	7.15	8.12		6.13	8.49	7.01		4.87	7.04	15/4/20	14.16	6.60	7.96		7.29	9.46	8.33	8.50	7.85	8.18
10/4/20	19.15	7.32	8.38		7.91	9.70	9.40		6.84	8.30	13/4/20	9.32	6.84	8.13		3.72	8.41	7.07		4.82	7.13	15/4/20	14.84	6.55	8.37		7.31	9.39	8.37	8.07	7.22	8.05
10/4/20	18.50	7.34	8.21		7.95	9.38	9.41		7.59	8.24	13/4/20	7.86	6.34	8.03		3.89	8.40	7.55		5.42	6.94	15/4/20	15.16	7.63	8.43		6.80	9.22	8.85	7.33	6.81	8.29
10/4/20	18.16	7.05	8.35		7.95	9.84	9.05		7.95	8.32	13/4/20	7.26	6.17	7.86		4.28	8.34	7.50		6.44	6.92	15/4/20	15.49	7.47	8.32		7.05	10.31	8.98	7.10	6.44	8.21
10/4/20	17.81	7.00	8.41		7.98	10.27	9.47		8.26	8.18	13/4/20	7.23	6.05	7.93		4.50	8.31	7.37		6.73	6.78	15/4/20	16.32	6.75	8.19		7.11	10.21	9.34	6.97	6.23	8.02
10/4/20	17.00	6.92	8.34		7.99	10.01	9.74		7.90	8.10	13/4/20	7.35	5.90	8.07		4.81	8.30	7.59		6.56	6.47	15/4/20	17.18	7.71	7.76		7.09	9.61	9.92	8.80	6.13	8.19
10/4/20	16.35	6.95	8.26		7.75	9.72	9.80		7.35	8.14	13/4/20	7.79	5.58	8.21		4.74	8.29	7.73		6.64	6.50	15/4/20	17.19	7.84	7.96		7.22	9.99	9.52	8.66	6.06	8.29
10/4/20	16.16	7.32	8.26		7.25	9.64	7.90		7.20	8.39	13/4/20	8.05	5.66	8.24		5.02	8.30	7.53		7.06	6.54	15/4/20	16.81	7.80	8.04		7.24	8.62	9.50	6.86	6.04	8.07
10/4/20	15.88	8.29	8.09		7.05	9.54	9.46		7.09	8.92	13/4/20	8.78	5.33	8.11		5.31	8.53	7.66		8.01	6.62	15/4/20	16.50	7.48	8.17		7.21	8.65	9.59	8.67	6.23	8.77
10/4/20	15.68	7.25	8.05		6.43	9.36	9.30		7.22	9.10	13/4/20	10.04	5.56	8.40		5.76	9.12	7.86		8.78	6.26	15/4/20	16.27	7.44	8.24		7.21	8.44	9.97	6.93	6.35	8.13
11/4/20	14.65	7.06	7.98		6.29	9.33	9.15		7.30	9.40	13/4/20	11.35	5.70	8.31		6.15	9.46	7.95		9.58	6.57	15/4/20	15.62	7.46	7.94		6.18	8.00	9.96	6.90	6.39	8.14
11/4/20	15.23	7.12	7.85		5.89	9.22	8.61		7.35	9.35	13/4/20	11.54	5.82	8.44		6.39	10.02	8.07		8.90	6.60	15/4/20	15.37	7.48	7.91		6.18	7.88	9.93	6.94	6.45	7.98
11/4/20	15.16	7.27	8.31		6.39	9.07	9.08		7.34	7.88	13/4/20	12.11	6.04	8.40		6.42	10.56	8.29		8.70	6.82	15/4/20	15.02	7.21	7.67		6.67	8.07	9.82	7.07	6.50	7.84
11/4/20	15.56	7.28	8.17		6.41	9.10	9.24		7.01	7.49	13/4/20	13.20	6.19	8.89		6.77	10.20	8.36		8.14	6.79	15/4/20	14.59	7.38	7.96		6.43	7.74	9.21	7.11	6.35	7.82
11/4/20	15.85	7.22	8.11		6.62	9.02	8.47		7.03	7.70	13/4/20	12.94	7.40	8.52		7.12	10.24	8.31		7.25	6.87	15/4/20	14.32	7.48	8.32		5.98	7.73	9.21	7.23	6.20	7.46
11/4/20	13.32	7.77	8.20		6.76	9.00	8.65		7.01	8.05	13/4/20	13.13	8.17	8.57		7.24	9.49	8.50		6.27	6.98	15/4/20	13.89	7.37	7.82		6.20	7.81	9.25	7.29	5.90	7.74
11/4/20	12.16	7.26	8.04		6.85	9.12	8.61		6.67	7.90	13/4/20	13.71	8.36	8.76		7.41	9.86	8.72		6.22	7.05	15/4/20	14.44	7.36	7.36		6.12	7.76	9.43	7.27	6.14	7.78
11/4/20	10.76	7.11	8.03		6.57	9.01	8.60		6.23	8.33	13/4/20	13.98	9.44	8.98		7.41	9.63	9.09		6.06	7.04	15/4/20	11.47	7.11	7.58		6.04	7.70	8.78	7.25	5.82	7.88
11/4/20	9.79	7.12	7.90		6.94	9.01	8.54		5.82	8.17	13/4/20	14.68	9.55	9.02		6.80	9.80	9.12		5.93	7.06	15/4/20	9.71	6.42	7.53		5.77	7.67	8.39	7.20	5.25	7.92
11/4/20	8.03	7.04	7.73		7.35	9.03	8.49		6.01	8.21	13/4/20	15.64	9.15	9.03		6.58	9.97	8.77		5.84	7.22	15/4/20	9.04	6.34	7.46		5.79	7.78	8.22	6.84	5.03	7.79
11/4/20	7.61	6.78	7.66		7.25	8.91	8.75		6.45	8.12	13/4/20	16.74	9.00	9.07		6.60	9.99	8.98		5.86	7.41	16/4/20	8.99	7.45	7.35		5.81	7.83	7.91	7.12	5.13	8.49
11/4/20	7.31	6.84	7.63		7.39	8.88	8.87		6.56	7.92	13/4/20	17.06	8.99	9.25		5.80	10.21	8.85		5.94	7.30	16/4/20	8.31	8.03	7.35		6.00	7.88	7.86	8.18	5.68	8.62
11/4/20	6.88	6.70	7.71		7.45	8.75	9.00		6.33	7.65	13/4/20	17.34	9.02	9.08		5.41	10.20	8.76		6.04	7.41	16/4/20	8.05	7.92	7.26		6.30	7.66	7.73	8.01	4.19	8.60
11/4/20	6.75	6.53	7.78		7.07	8.94	9.04		5.87	7.43	13/4/20	16.51	9.02	9.07		5.64	10.15	8.75		6.13	7.17	16/4/20	8.42	7.90	7.24		6.29	7.50	7.73	8.25	6.61	8.35
11/4/20	7.01	6.45	7.60		6.92	9.34	9.50		5.93	7.15	13/4/20	15.51	8.84	8.99		4.79	9.36	9.23		6.18	7.23	16/4/20	7.94	7.17	7.17		6.21	7.41	7.75	8.17	7.25	8.39
11/4/20	7.45	6.36	8.02		6.78	9.60	9.57		6.42	6.97	13/4/20	15.38	8.60	9.00		4.40	9.33	9.00		6.22	7.46	16/4/20	7.68	6.38	7.16		6.17	7.31	7.69	7.95	7.39	8.19
11/4/20	8.14	5.98	7.91		6.74	9.71	9.36		6.97	7.04	13/4/20	14.69	8.14	9.68		4.92	9.74	8.91		6.13	7.47	16/4/20	7.03	5.93	7.07		6.08	7.15	7.63	7.41	7.14	7.95
11/4/20	8.59	6.30	7.82		6.88	9.85	9.30		7.28	6.88	13/4/20	14.65	8.07	8.92		4.71	10.08	8.70		5.99	7.24	16/4/20	6.84	6.21	7.22		6.53	7.23	7.54	7.35	6.80	7.72
11/4/20	9.62	6.50	8.00		7.73	10.02	8.74		7.77	7.05	13/4/20	14.76	7.97	9.27		4.98	9.41	8.51		6.14	7.53	16/4/20	7.61	6.54	7.12		7.08	7.24	7.46	7.26	6.88	7.64
11/4/20	9.93	6.72	7.80		7.84	9.68	8.84		7.30	7.30	13/4/20	13.86	7.91	9.35		4.68	9.01	8.48		6.21	7.21	16/4/20	8.32	6.70	7.05		6.71	7.20	7.44	6.98	6.65	7.79
11/4/20	9.63	7.76	8.20		8.00	9.60	8.95		7.15	7.41	13/4/20	12.65	7.96	9.54		4.98	8.85	8.26		6.14	7.27	16/4/20	8.26	6.43	7.19		6.35	7.16	7.78	7.60	6.48	7.85
11/4/20	11.30	8.31	8.25		7.96	9.98	9.03		6.64	7.51	13/4/20	11.97	7.55	10.51		5.23	8.77	8.22		6.12	7.30	16/4/20	7.57	5.89	7.08		5.96	7.14	7.56	7.44	6.06	8.10
11/4/20	12.05	8.25	8.22		7.95	10.05	9.19		6.36	7.63	13/4/20	11.34	7.30	10.41		4.95	8.68	8.00		6.12	7.41	16/4/20	7.69	5.77	6.99		5.71	6.99	7.76	7.32	5.99	8.14

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1 mg/l	ve2 mg/l	ve5	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l
17/4/20	12.41	8.99	8.83	7.13	8.62	9.62	8.64	6.76	9.09	20/4/20	6.91	5.29	7.54	5.64	6.23	7.58	7.17	5.76	6.69	22/4/20	9.19	5.87	7.24	5.30	7.71	8.55	9.36	8.07	7.71	8.55	9.36	8.07
17/4/20	11.89	8.69	8.08	6.48	8.61	9.61	8.58	6.68	9.14	20/4/20	6.75	5.21	7.88	5.46	7.46	7.52	7.22	5.34	6.83	22/4/20	9.39	5.96	7.22	5.45	7.81	8.45	9.85	8.04	7.81	8.45	9.85	8.04
17/4/20	11.42	9.28	8.78	6.02	8.73	9.56	8.54	6.66	9.19	20/4/20	6.45	5.25	7.99	5.51	7.74	7.18	6.90	5.10	6.88	22/4/20	9.90	5.84	7.47	5.65	7.94	8.61	9.76	7.80	7.94	8.61	9.76	7.80
17/4/20	10.75	9.62	8.40	5.92	8.43	9.53	8.49	6.69	9.23	20/4/20	6.67	5.16	7.98	5.32	7.33	7.16	6.56	5.52	7.14	22/4/20	10.16	5.68	7.75	5.79	8.28	8.08	10.03	7.67	8.28	8.08	10.03	7.67
17/4/20	10.89	9.20	8.47	5.77	8.62	9.48	8.71	6.64	9.20	20/4/20	6.79	5.20	7.78	5.26	7.15	7.31	6.32	5.77	7.18	22/4/20	10.27	5.66	7.29	5.83	8.36	8.14	10.37	7.66	8.36	8.14	10.37	7.66
17/4/20	10.64	8.64	8.44	5.80	8.79	9.35	8.58	6.61	8.86	20/4/20	6.81	5.24	7.78	5.36	7.50	7.33	6.40	5.96	7.41	22/4/20	10.46	5.63	7.96	5.90	8.81	8.13	10.33	7.56	8.81	8.13	10.33	7.56
17/4/20	11.21	8.45	8.32	6.22	8.50	9.16	8.23	6.49	8.31	20/4/20	6.41	5.08	7.66	5.35	7.57	6.86	7.33	6.08	7.46	22/4/20	10.81	5.50	7.93	6.95	8.21	8.25	10.15	7.55	8.21	8.25	10.15	7.55
17/4/20	12.87	8.15	8.35	6.39	8.30	9.16	7.92	6.51	8.49	20/4/20	7.06	5.05	7.79	5.42	7.73	7.05	7.22	6.07	7.49	22/4/20	11.00	5.46	7.78	6.59	8.77	8.48	9.74	7.53	8.77	8.48	9.74	7.53
17/4/20	13.90	8.17	8.41	6.13	8.23	9.19	7.97	6.12	8.72	20/4/20	7.79	5.04	7.76	5.36	7.82	7.52	7.09	6.03	7.55	22/4/20	10.85	5.71	7.78	7.12	9.08	9.05	9.11	8.19	9.08	9.05	9.11	8.19
18/4/20	14.74	7.70	8.13	6.04	8.26	9.27	8.01	5.73	8.59	20/4/20	7.49	5.01	7.72	5.42	7.74	7.65	7.15	6.03	7.45	22/4/20	10.86	5.63	8.22	7.30	8.81	9.09	8.13	7.90	8.81	9.09	8.13	7.90
18/4/20	10.56	7.27	8.02	5.87	8.32	9.26	7.76	5.44	8.46	20/4/20	8.04	5.04	7.54	5.45	7.67	7.51	7.05	6.06	7.27	22/4/20	10.59	5.56	8.55	7.47	8.69	8.66	8.17	8.12	8.69	8.66	8.17	8.12
18/4/20	8.86	7.10	7.92	5.70	8.27	9.23	8.08	5.16	8.42	20/4/20	7.75	5.04	7.61	5.55	7.43	7.52	6.93	6.13	7.07	22/4/20	10.25	5.55	8.71	6.46	8.81	8.28	7.80	8.03	8.81	8.28	7.80	8.03
18/4/20	8.67	7.23	8.00	5.65	8.28	8.66	8.05	5.03	8.42	20/4/20	8.38	5.47	7.60	5.63	6.94	7.69	6.90	6.17	7.17	22/4/20	9.82	6.08	9.00	6.76	8.64	7.98	7.48	8.10	8.64	7.98	7.48	8.10
18/4/20	8.57	7.08	8.07	5.75	8.35	8.17	8.02	5.12	8.35	20/4/20	8.59	5.41	7.64	5.63	6.55	7.76	7.15	6.21	7.43	22/4/20	9.42	6.22	8.62	6.41	8.76	8.02	7.32	8.06	8.76	8.02	7.32	8.06
18/4/20	8.56	6.83	8.03	5.54	8.51	7.98	7.93	5.54	8.36	20/4/20	8.04	5.39	7.80	5.57	7.57	7.91	7.12	6.95	7.22	22/4/20	9.24	6.12	8.39	6.34	8.41	8.57	7.19	8.21	8.41	8.57	7.19	8.21
18/4/20	8.13	6.59	7.94	5.56	8.75	7.86	7.63	6.31	8.22	20/4/20	7.84	5.25	7.72	5.54	7.28	7.45	7.21	7.57	7.08	22/4/20	8.92	6.12	8.07	6.32	7.90	8.72	7.07	8.12	7.90	8.72	7.07	8.12
18/4/20	8.02	6.29	8.09	5.11	8.96	8.16	7.33	6.31	8.04	20/4/20	7.76	5.12	7.63	5.49	7.47	7.67	7.27	7.81	7.01	22/4/20	8.01	6.04	7.97	6.26	8.11	8.78	7.01	8.08	8.11	8.78	7.01	8.08
18/4/20	7.78	6.34	7.63	5.81	9.11	8.36	6.91	6.23	8.11	20/4/20	7.54	5.03	7.70	5.43	7.41	8.01	7.16	7.47	6.93	22/4/20	8.46	5.91	7.48	5.55	8.21	8.84	6.99	8.06	8.21	8.84	6.99	8.06
18/4/20	7.51	6.10	8.03	5.98	9.02	8.50	6.70	5.89	8.12	20/4/20	7.21	5.04	7.74	5.51	7.44	7.85	7.11	6.79	6.68	22/4/20	8.77	5.88	8.18	5.53	8.81	8.64	6.96	8.00	8.81	8.64	6.96	8.00
18/4/20	7.16	6.58	8.14	5.88	8.31	8.41	6.49	6.34	8.26	20/4/20	7.06	5.01	7.81	5.29	7.37	7.22	6.51	6.64	7.34/20	8.96	6.02	7.58	5.54	8.32	8.60	6.87	7.48	8.32	8.60	6.87	7.48	
18/4/20	7.72	6.87	7.82	5.60	8.00	8.17	6.35	6.36	8.13	20/4/20	6.62	5.05	7.93	5.31	8.11	7.25	6.56	6.44	7.34/20	9.09	6.08	7.48	5.86	8.35	8.35	6.82	7.72	8.35	8.35	6.82	7.72	
18/4/20	7.40	6.99	7.53	5.28	7.82	8.11	6.52	6.60	8.06	20/4/20	6.70	5.13	7.93	5.30	7.88	7.22	6.77	6.55	7.48/20	9.56	6.08	7.33	5.83	8.53	8.22	6.68	8.04	8.53	8.22	6.68	8.04	
18/4/20	8.13	6.82	7.91	5.09	7.70	8.11	6.97	6.46	8.19	20/4/20	6.85	5.11	7.83	5.35	7.94	7.22	6.91	6.59	7.34/20	9.27	6.24	7.29	5.75	8.43	8.18	6.35	8.04	8.43	8.18	6.35	8.04	
18/4/20	8.21	6.38	7.79	5.61	7.72	7.98	7.33	6.48	8.40	20/4/20	6.99	5.07	7.81	5.60	7.79	7.35	6.67	6.92	7.34/20	9.03	6.08	7.18	5.92	8.17	8.28	6.00	8.01	8.17	8.28	6.00	8.01	
18/4/20	7.41	6.47	7.83	5.68	7.82	8.01	7.53	6.31	8.56	20/4/20	6.82	5.01	7.92	5.61	7.93	7.26	6.27	6.79	7.34/20	9.01	5.87	7.53	5.86	8.01	8.28	5.85	7.93	8.01	8.28	5.85	7.93	
18/4/20	7.46	6.57	7.86	5.48	7.92	8.22	7.43	6.19	8.71	20/4/20	6.87	4.99	7.82	5.82	7.89	7.65	6.18	7.09	7.34/20	9.19	5.73	7.55	5.73	7.94	7.94	5.77	7.82	7.94	7.94	5.77	7.82	
18/4/20	8.28	6.72	7.65	5.58	8.01	8.21	7.44	6.18	8.63	20/4/20	6.73	5.03	7.63	5.99	7.69	7.77	6.16	7.07	7.34/20	8.47	5.65	7.39	5.64	7.94	7.82	5.91	7.83	7.94	7.82	5.91	7.83	
18/4/20	9.13	6.82	7.80	5.47	8.02	8.09	7.48	6.15	8.48	20/4/20	6.47	4.93	7.64	5.63	7.69	7.60	6.26	7.00	7.34/20	8.17	5.53	7.16	5.66	7.95	7.92	6.56	7.75	7.95	7.92	6.56	7.75	
18/4/20	9.96	6.62	7.88	5.08	7.87	7.90	7.43	5.98	8.20	20/4/20	6.52	4.87	7.55	5.57	7.53	7.56	6.29	7.08	7.34/20	7.92	5.47	6.91	5.74	7.83	7.66	6.68	7.64	7.83	7.66	6.68	7.64	
18/4/20	10.51	6.32	7.95	5.67	7.89	8.16	7.48	5.86	8.06	20/4/20	6.34	4.86	7.49	5.42	7.52	7.28	6.25	7.19	7.34/20	7.50	5.54	7.25	5.52	7.84	7.50	6.66	7.39	7.84	7.50	6.66	7.39	
18/4/20	10.71	6.23	8.09	5.17	7.90	8.49	7.56	6.46	8.20	20/4/20	6.48	4.77	7.55	5.35	7.52	7.28	6.27	7.18	7.34/20	7.08	5.45	7.17	5.41	7.74	7.11	6.58	7.57	7.74	7.11	6.58	7.57	
18/4/20	11.10	6.47	8.14	5.48	8.00	8.41	7.56	6.17	8.08	20/4/20	6.37	4.71	7.52	5.24	7.53	7.29	6.33	7.13	7.34/20	7.48	5.27	7.15	5.45	7.44	6.95	6.42	7.59	7.44	6.95	6.42	7.59	
18/4/20	12.20	6.34	8.26	6.07	8.37	8.39	7.98	6.94	8.94	20/4/20	5.95	4.71	7.54	5.19	7.31	7.27	6.49	7.01	7.34/20	7.29	5.39	7.15	5.44	7.45	7.05	6.66	7.03	7.45	7.05	6.66	7.03	
18/4/20	13.34	6.18	8.59	6.19	8.66	8.41	8.45	9.61	8.86	20/4/20	6.38	4.86	7.55	5.12	7.32	7.22	6.65	6.89	7.34/20	8.22	5.28	7.34	5.73	7.34	7.31	6.71	7.42	7.34	7.31	6.71	7.42	
18/4/20	14.28	6.03	8.35	6.16	8.97	8.56	8.47	9.30	8.93	20/4/20	6.71	4.74	7.46	5.02	7.30	7.32	6.60	6.77	7.34/20	8.56	5.44	7.33	5.52	7.33	7.33	6.76	6.62	7.64	7.33	6.76	6.62	7.64
18/4/20	14.78	6.30	8.70	6.23	9.18	8.82	8.53	8.80	8.82	20/4/20	6.79	4.66	7.42	5.00	7.40	7.33	6.84	6.85	7.34/20	8.83	5.69	7.38	5.81	7.69	8.82	6.51	7.47	8.82	6.51	7.47		
18/4/20	15.78	6.32	8.85	6.26	9.66	9.05	8.38	8.59	8.87	20/4/20	6.87	4.76	7.45	5.33	7.58	7.24	6.88	6.96	7.34/20	9.22	5.94	7.52	5.61	7.55	8.60	6.48	7.53	7.55	8.60	6.48	7.53	
18/4/20	15.08	6.42	8.53	6.46	9.88	8.90	8.64	8.85	8.59	20/4/20	6.91	4.95	7.29	5.41	7.40	7.14	6.88	7.17	7.34/20	9.69	5.82	7.58	5.80	7.60	7.45	6.47	7.62	7.60	7.45	6.47	7.62	
18/4/20	15.79																															

data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1	ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1	ENC2	ENC4	PC1	EC	PC2
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	ve1 mg/l		ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l
25/4/20	8.80	6.74	7.13	4.58	8.67	7.85	7.39	6.94	7.33	27/4/20	9.43	5.36	7.74	5.42	9.14	7.92	6.48	7.40	6.39	29/4/20	8.96	6.37	7.05	5.29	8.63	7.29	6.24	5.82	6.51		
25/4/20	8.64	6.77	7.41	4.65	8.51	7.80	7.31	6.87	7.27	27/4/20	10.28	5.66	7.69	5.48	8.70	8.20	5.87	7.12	6.26	29/4/20	9.19	6.22	7.13	5.33	8.35	7.50	7.05	5.88	6.16		
25/4/20	8.16	6.90	7.13	4.71	8.43	7.97	7.28	6.55	7.26	27/4/20	10.62	6.22	7.98	5.55	8.36	8.47	5.88	6.41	6.37	29/4/20	9.55	5.81	7.00	5.46	7.92	7.58	7.20	6.17	6.11		
25/4/20	9.12	6.76	7.15	4.70	8.41	7.69	7.19	6.70	7.30	27/4/20	10.62	6.87	8.08	5.65	8.37	8.51	6.23	6.15	6.45	29/4/20	9.29	5.57	6.88	5.48	7.64	7.41	7.07	5.73	6.08		
25/4/20	9.84	6.94	7.10	4.81	8.36	7.24	7.41	6.58	7.61	27/4/20	10.43	6.61	8.12	5.72	8.43	8.40	6.77	5.97	6.65	29/4/20	9.03	5.30	6.91	5.32	7.51	7.16	7.01	6.06	5.92		
25/4/20	9.72	6.53	6.81	4.70	8.48	7.02	7.19	6.30	7.67	27/4/20	11.01	6.73	8.07	5.74	8.54	8.26	6.55	6.58	6.58	29/4/20	9.16	5.55	6.84	5.63	7.31	6.84	6.88	5.74	5.73		
25/4/20	9.26	6.25	6.96	4.68	8.53	6.75	7.10	5.91	7.60	27/4/20	11.11	6.81	8.13	5.90	8.73	8.19	6.53	5.79	6.77	29/4/20	9.30	5.46	6.94	5.75	7.31	6.92	6.87	5.36	6.12		
25/4/20	8.23	6.08	6.72	4.77	8.98	6.79	7.25	5.59	7.60	27/4/20	11.71	6.75	8.23	6.05	8.89	8.17	6.48	5.78	6.88	29/4/20	9.32	5.53	6.90	5.62	7.43	7.31	6.85	5.75	5.93		
25/4/20	7.28	5.98	7.08	4.74	9.01	6.95	7.09	5.40	7.31	27/4/20	11.94	7.06	8.12	5.49	9.18	8.22	6.65	5.75	6.89	29/4/20	8.78	5.42	6.68	5.49	7.50	6.82	6.71	5.85	6.02		
25/4/20	6.84	5.78	7.03	4.70	8.95	6.82	7.02	5.40	7.36	27/4/20	11.79	7.21	8.55	5.34	9.30	8.36	7.27	5.75	6.68	29/4/20	7.88	5.35	6.53	5.49	7.32	6.69	6.62	5.61	6.17		
25/4/20	6.43	5.59	6.98	4.71	9.09	7.05	6.77	5.74	7.37	27/4/20	12.72	8.23	8.27	5.25	8.96	8.35	8.00	5.80	6.42	30/4/20	6.85	5.03	6.63	5.60	7.06	6.77	6.89	5.38	5.48		
25/4/20	6.19	5.45	7.11	4.56	9.27	7.24	6.77	5.89	7.24	27/4/20	12.71	7.79	8.14	5.29	9.20	8.48	7.78	5.86	6.54	30/4/20	6.44	5.37	6.67	5.63	7.08	6.59	6.34	5.07	5.54		
25/4/20	6.09	5.29	7.18	4.53	9.39	7.11	6.66	6.14	7.17	27/4/20	14.42	7.02	8.20	5.20	9.08	8.60	6.97	5.88	6.91	30/4/20	6.20	5.15	6.77	5.54	6.91	6.47	6.52	5.08	5.90		
25/4/20	6.40	5.17	7.09	4.28	9.27	6.87	6.36	6.19	7.07	27/4/20	14.67	6.46	8.14	5.30	9.77	7.99	6.89	6.04	6.72	30/4/20	5.87	5.03	5.97	5.38	6.42	6.28	6.44	5.00	5.83		
25/4/20	6.57	5.12	7.45	4.24	9.27	7.32	6.15	6.53	7.21	27/4/20	14.69	6.20	8.06	5.39	8.96	7.92	7.57	6.42	6.68	30/4/20	6.13	4.85	6.29	5.47	7.11	6.65	5.85	4.36	5.99		
25/4/20	7.22	5.01	7.18	4.09	9.40	7.29	6.44	6.87	7.32	27/4/20	14.26	6.23	7.61	5.57	8.72	7.95	8.70	6.87	6.71	30/4/20	6.12	5.07	5.86	5.52	6.72	6.58	5.41	4.82	5.77		
25/4/20	7.24	5.24	7.33	4.18	9.23	7.43	6.34	6.98	7.34	27/4/20	13.63	6.30	7.99	5.60	8.47	7.95	8.36	7.37	6.96	30/4/20	5.75	4.96	5.73	5.39	7.09	6.68	6.25	4.82	5.25		
25/4/20	7.64	5.37	7.28	4.22	9.19	7.40	6.29	6.75	7.43	27/4/20	13.72	6.30	8.10	5.57	8.55	7.86	8.32	7.28	7.07	30/4/20	5.54	5.05	5.85	5.34	7.23	6.83	6.79	4.95	5.18		
25/4/20	8.15	5.82	7.49	4.43	8.79	7.48	6.05	6.48	7.50	27/4/20	14.21	6.12	8.12	5.59	8.16	7.88	7.83	7.28	6.58	30/4/20	5.90	5.07	5.67	5.41	7.04	6.51	6.00	3.60	5.64		
25/4/20	8.29	6.40	7.17	4.48	8.68	7.72	6.09	6.33	7.30	27/4/20	13.95	5.98	7.65	5.81	8.28	7.96	7.23	7.18	6.70	30/4/20	6.27	5.00	6.06	5.30	7.02	6.90	6.41	3.27	5.63		
25/4/20	8.87	6.45	7.39	4.52	8.83	7.93	6.92	6.27	7.35	27/4/20	12.73	6.07	7.69	5.11	8.04	7.98	7.08	7.29	6.66	30/4/20	6.52	4.99	5.97	5.08	7.06	6.41	5.53	3.30	5.95		
25/4/20	11.18	6.51	7.34	4.57	8.86	8.03	6.78	6.23	7.44	27/4/20	12.69	5.92	7.55	5.98	8.35	7.91	7.02	7.62	6.93	30/4/20	6.77	4.96	6.09	4.87	7.10	6.73	6.04	3.24	6.03		
25/4/20	12.54	6.68	7.39	4.70	8.92	8.08	6.87	6.22	7.58	27/4/20	11.28	5.60	7.87	6.06	8.08	7.76	7.50	7.15	7.05	30/4/20	6.93	4.98	6.53	4.76	7.12	6.91	5.92	3.39	6.02		
25/4/20	12.70	6.77	7.41	4.71	9.12	8.05	6.77	6.24	7.51	27/4/20	10.63	5.32	7.78	6.18	8.17	7.64	7.92	6.47	7.22	30/4/20	6.95	4.88	6.82	4.78	7.12	6.80	6.84	4.05	6.15		
25/4/20	14.76	7.28	7.55	4.32	8.94	8.17	7.05	6.30	7.48	27/4/20	11.01	5.74	7.93	6.90	8.10	7.79	7.24	6.32	7.09	30/4/20	6.86	4.76	6.92	4.79	7.05	6.64	6.74	4.85	6.50		
25/4/20	18.63	7.69	7.59	4.08	8.92	8.16	7.74	6.30	7.33	27/4/20	11.21	6.02	8.01	6.93	8.38	7.67	7.67	6.32	6.91	30/4/20	6.78	4.90	6.94	4.72	7.11	6.56	6.16	5.53	6.39		
25/4/20	19.35	7.22	7.53	4.02	9.92	8.17	7.86	6.26	7.23	27/4/20	10.67	5.84	7.40	6.56	8.23	7.81	7.56	6.25	6.78	30/4/20	7.16	4.95	6.80	4.79	7.23	6.60	5.44	6.48	6.04		
25/4/20	15.05	6.95	7.57	3.95	9.13	8.17	8.13	6.36	6.89	27/4/20	10.22	6.03	7.15	6.24	8.17	7.82	7.35	6.28	6.85	30/4/20	7.98	4.71	6.75	4.83	7.32	6.58	5.38	7.24	5.88		
25/4/20	13.03	6.52	7.57	3.99	9.08	8.11	8.10	6.17	7.48	27/4/20	9.43	6.12	7.23	5.54	7.91	7.69	7.25	6.32	6.77	30/4/20	8.58	4.65	7.28	4.76	7.41	6.81	5.38	7.03	5.72		
25/4/20	12.42	6.67	8.01	4.05	9.33	8.08	7.89	7.91	7.75	28/4/20	10.11	5.84	7.68	5.53	8.23	7.74	7.39	6.34	6.61	30/4/20	8.86	4.61	7.02	5.07	7.66	7.01	5.25				
25/4/20	12.38	6.65	7.76	4.08	9.13	7.75	8.40	8.87	7.59	28/4/20	10.04	5.47	7.18	5.31	8.46	7.64	7.76	6.39	6.23	30/4/20	8.90	4.64	6.89	5.28	8.27	7.17	5.52				
25/4/20	13.19	6.91	7.45	4.02	9.36	8.08	8.56	9.35	7.72	28/4/20	9.86	5.55	7.24	5.23	7.95	7.83	7.28	6.09	6.41	30/4/20	9.95	4.82	6.98	5.53	8.27	7.11	5.57				
25/4/20	13.52	6.62	7.60	4.34	9.48	7.88	8.57	9.87	7.76	28/4/20	9.94	5.49	7.32	5.20	7.66	7.92	7.34	6.08	6.19	30/4/20	11.07	4.94	6.99	5.38	9.25	7.08	6.00				
25/4/20	13.47	6.55	7.49	4.48	9.45	7.70	8.32	9.83	7.74	28/4/20	9.79	5.23	7.34	5.40	7.55	7.18	7.17	5.95	5.96	30/4/20	11.78	4.79	7.04	5.18	9.52	7.23	6.45				
25/4/20	14.58	6.40	7.84	4.60	9.42	7.78	8.09	9.81	7.34	28/4/20	10.28	5.35	7.01	5.45	7.62	7.58	7.07	5.64	6.44	30/4/20	12.26	4.97	7.17	5.78	9.75	7.66	6.51				
25/4/20	14.66	6.17	7.95	4.74	9.48	8.02	7.98	9.69	6.96	28/4/20	10.36	5.15	6.98	5.50	7.75	7.43	7.16	5.35	6.37	30/4/20	13.12	5.13	7.25	6.28	9.83	7.42	5.90				
25/4/20	13.29	5.85	7.60	5.01	9.54	7.80	8.62	7.53	7.42	28/4/20	9.09	5.20	7.17	5.03	7.69	7.23	6.84	4.94	6.43	30/4/20	13.18	5.43	7.42	6.61	9.26	8.21	5.97				
25/4/20	12.68	5.90	7.54	5.29	9.52	7.59	7.99	8.24	7.47	28/4/20	7.71	5.35	7.04	5.08	7.41	7.18	6.27	4.70	6.49	30/4/20	13.57	6.24	7.38	6.63	8.73	7.48	5.81				
25/4/20	11.87	5.87	7.90	5.64	9.36	7.64	7.82	8.39	7.58	28/4/20	6.98	5.29	6.91	5.21	7.43	6.97	6.80	4.59	6.76	30/4/20	13.78	6.31	8.71	6.72	8.69	8.25	5.44	5.40	6.45		
25/4/20	10.92	5.95	7.97	5.82	8.95	7.31	8.45	7.95	7.50	28/4/20	6.57	5.18	7.08	5.35	7.47	6.85	6.81	4.47	6.60	30/4/20	12.54	6.04	8.02	6.65	7.44	9.07	5.80	5.31	6.65		
25/4/20	10.18	5.86	7.83	5.96	8.91	7.46	7.63	7.85	7.52	28/4/20	6.34	5.14	7.18	5.19	7.55	7.02	6.44	4.56	6.47	30/4/20	11.68	6.24	8.05	6.64	8.46	8.85	5.95	5.21	6.53		
25/4/20	9.37	5.70	7.84	5.88	9.19	7.88	7.95	7.16	7.46	28/4/20	6.04																				

data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1	ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1	ENC2	ENC4	PC1	EC	PC2	
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	ve1 mg/l		ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	
2/5/20	6.02	5.61	6.57		5.35	7.53	7.39	6.16	4.97	6.62	4/5/20	14.07	6.12	7.67		4.92	9.18	7.58	6.99		7.50	6/5/20	6.08	4.86	7.41		4.70	7.62	7.57	8.22	6.58	5.68
2/5/20	7.52	5.22	6.71		5.20	7.12	7.47	5.89	4.98	6.50	4/5/20	14.29	5.99	8.00		4.83	9.45	7.60	7.89		6.72	7/5/20	6.13	5.80	7.05		4.54	7.60	7.50	8.15	6.35	6.12
2/5/20	7.80	4.83	6.59		5.08	7.84	6.98	6.06	4.99	6.52	4/5/20	13.87	5.92	7.96		5.11	9.99	7.62	7.96		6.59	7/5/20	7.09	6.71	7.22		4.72	7.66	7.65	7.89	6.34	6.88
2/5/20	7.20	5.33	6.66		4.84	6.96	6.94	5.87	5.03	6.28	4/5/20	13.29	5.53	7.66		5.04	10.50	7.79	7.91		6.30	7/5/20	8.07	5.53	7.04		4.97	7.71	7.75	6.91	5.90	6.77
2/5/20	7.08	5.31	7.08		4.80	7.31	6.76	5.90	4.84	6.58	4/5/20	12.74	5.46	7.61		4.95	10.57	7.70	7.57		7.10	7/5/20	8.04	5.40	7.08		5.03	7.45	8.17	7.18	5.48	6.79
2/5/20	7.48	5.62	7.32		5.17	7.42	6.84	6.01	4.93	5.84	4/5/20	11.59	5.52	7.83		4.93	10.22	7.79	6.83		6.87	7/5/20	6.97	5.21	6.80		4.99	7.47	7.80	7.74	5.20	6.72
2/5/20	7.79	5.64	7.17		5.34	7.79	7.10	6.04	4.91	6.13	4/5/20	10.46	5.33	7.76		5.03	9.16	7.99	6.94		6.99	7/5/20	5.96	5.31	6.91		4.90	7.39	7.38	6.67	4.83	6.50
2/5/20	7.72	5.62	7.10		5.40	7.94	6.92	6.02	4.86	5.81	4/5/20	9.77	5.82	8.91		5.09	9.28	9.32	7.61		7.38	7/5/20	5.89	5.09	6.61		4.93	7.37	7.41	6.51	5.06	6.40
2/5/20	7.75	5.31	7.13		5.30	7.91	7.14	6.29	6.10	5.96	4/5/20	9.02	6.32	10.09		5.59	9.49	9.34	7.75		7.44	7/5/20	6.00	4.91	6.45		4.71	7.27	7.36	6.30	5.64	6.14
2/5/20	7.97	4.96	7.22		5.20	8.15	7.63	6.23	6.60	6.15	4/5/20	8.55	5.95	10.73		6.10	9.28	9.26	8.02		6.98	7/5/20	6.02	4.78	6.42		4.54	7.34	7.13	6.43	6.09	5.99
2/5/20	8.54	5.12	7.43		5.22	8.13	7.18	6.66	7.07	6.30	4/5/20	8.13	5.78	10.28		5.93	9.02	8.56	8.06		6.90	7/5/20	5.66	4.73	6.39		4.29	7.45	6.87	6.36	5.97	6.10
2/5/20	8.57	5.42	7.49		5.19	8.64	7.22	7.01	7.33	6.54	4/5/20	8.10	6.00	9.90		5.60	8.87	8.31	8.19		6.82	7/5/20	5.83	4.64	6.37		4.10	7.52	6.70	5.99	6.03	5.22
2/5/20	9.59	5.42	7.50		5.52	8.96	7.47	7.14		6.49	4/5/20	7.94	6.39	9.40		5.38	8.74	7.98	8.35		6.09	7/5/20	5.22	4.49	5.91		3.99	7.52	6.70	6.09	5.84	5.18
2/5/20	10.73	5.56	7.36		5.57	9.28	7.26	7.08		6.65	4/5/20	7.60	7.16	9.02		5.19	8.62	7.75	8.18		6.41	7/5/20	5.44	4.10	6.22		3.95	7.52	6.83	6.01	5.78	5.35
2/5/20	11.11	5.39	7.54		5.63	9.34	7.51	7.12		6.82	4/5/20	7.62	7.68	8.85		4.93	8.44	7.70	7.13		6.50	7/5/20	5.33	3.34	6.32		3.96	7.36	6.53	5.80	6.01	5.37
2/5/20	11.73	5.50	7.44		6.03	9.57	7.75	8.29		6.72	4/5/20	7.35	6.27	9.04		5.01	8.34	7.62	7.06		6.33	7/5/20	4.45	3.87	6.32		4.04	7.43	6.43	5.67	6.28	5.15
2/5/20	12.01	5.46	7.32		5.86	9.88	8.36	8.09		6.77	4/5/20	7.27	5.82	8.94		4.90	8.18	7.67	6.93		5.97	7/5/20	4.53	3.68	6.36		4.08	7.45	6.40	5.73	6.18	5.49
2/5/20	12.38	5.44	7.51		5.86	9.93	8.43	7.54		6.69	4/5/20	7.22	5.59	8.43		4.88	8.14	7.74	7.02		6.94	7/5/20	3.97	4.01	6.34		4.00	7.20	6.44	5.44	5.89	5.73
2/5/20	13.03	5.66	8.07		6.15	10.29	8.41	7.14		6.72	4/5/20	6.48	6.03	7.74		4.72	8.13	8.19	7.28		6.20	6.43	3.68	4.80	6.44		4.19	7.70	6.65	5.41	5.44	5.75
2/5/20	14.69	5.59	7.73		6.70	11.03	8.60	7.17		6.75	4/5/20	6.43	6.19	8.53		4.71	7.89	8.31	7.25		6.16	6.39	3.99	5.07	6.41		4.42	7.91	6.74	5.50	5.11	5.67
2/5/20	14.92	5.68	8.00		6.92	12.36	7.78	7.22		7.32	5/5/20	6.10	6.11	8.19		4.86	8.02	8.46	7.45		7.58	6.48	5.98	5.32	6.47		4.49	8.01	7.19	6.04	5.38	5.68
2/5/20	14.86	5.73	7.84		6.94	12.02	7.90	7.25		6.95	5/5/20	6.22	5.88	7.52		4.92	8.03	8.28	6.42		5.29	6.53	6.08	6.02	6.45		4.59	8.15	6.98	6.01	5.63	5.82
2/5/20	14.85	5.75	7.86		6.96	10.77	8.04	9.81		7.21	5/5/20	6.70	5.69	8.20		4.80	8.08	8.01	6.57		4.98	6.11	6.31	6.13	6.56		4.73	8.29	7.22	6.16	5.69	5.93
2/5/20	14.68	6.39	7.87		7.13	10.35	8.24	8.67		7.04	5/5/20	6.79	5.50	8.36		4.80	8.44	7.60	6.79		4.68	5.82	7.99	6.34	6.70		4.75	8.42	7.60	6.29	5.74	6.23
2/5/20	13.56	6.80	8.19		7.16	10.04	9.43	7.73		7.12	5/5/20	6.53	5.37	7.77		4.72	8.48	7.36	6.54		4.75	5.79	10.14	6.59	6.61		4.93	8.76	7.36	6.27	5.73	6.29
2/5/20	12.54	7.51	8.08		6.87	9.61	9.99	7.68		7.21	5/5/20	6.16	5.18	8.06		4.79	8.43	7.17	6.30		6.20	7/5/20	10.17	6.01	6.61		4.86	8.86	7.59	6.42	5.72	6.10
2/5/20	12.08	7.55	8.02		6.57	9.18	9.95	8.10		6.76	5/5/20	5.55	5.11	7.83		4.73	8.28	6.59	6.18		5.99	7/5/20	11.64	6.01	6.61		4.78	9.19	7.79	6.81	5.71	5.62
2/5/20	11.45	7.24	7.85		6.13	8.97	8.67	7.98		7.48	5/5/20	4.55	4.93	7.53		4.66	8.08	6.83	5.74		5.74	4.94	11.98	5.75	6.57		4.84	8.36	7.19	7.60	5.44	6.10
2/5/20	11.06	7.17	7.49		5.94	9.51	8.58	7.94		7.59	5/5/20	4.43	4.80	7.30		4.51	8.00	7.12	5.29		5.58	4.46	11.72	5.33	6.49		4.86	7.93	6.96	7.29	5.97	6.65
2/5/20	10.21	7.47	8.16		5.69	8.99	8.45	8.04		7.77	5/5/20	4.41	4.51	7.08		4.43	7.72	7.12	5.47		5.30	4.45	11.38	5.17	6.48		5.04	8.11	7.00	7.90	6.21	7.00
2/5/20	9.56	8.05	8.10		5.65	9.09	8.13	8.72		7.76	5/5/20	4.39	4.44	7.08		4.20	7.90	6.94	5.17		5.27	7/5/20	12.42	5.15	6.57		5.22	8.04	7.40	7.70	7.07	7.07
2/5/20	9.28	8.43	8.45		5.66	8.95	8.11	8.30	5.82	7.40	5/5/20	4.10	4.35	7.54		3.89	7.92	7.14	4.95		4.99	4.99	12.13	5.24	6.54		5.31	8.08	7.39	8.21		7.29
2/5/20	8.70	8.17	8.16		5.74	8.73	8.32	8.10	5.82	7.21	5/5/20	4.22	4.54	6.91		3.79	7.77	6.81	4.96		5.49	5.76	12.39	5.41	6.56		5.40	8.20	7.32	8.18		7.32
2/5/20	8.72	6.68	6.91		5.78	8.84	8.16	7.93	5.72	7.09	5/5/20	4.24	4.25	7.47		3.89	7.69	6.59	5.39	5.60	5.90	7/5/20	12.29	5.44	6.59		5.54	8.10	7.39	8.14		6.70
2/5/20	8.65	6.30	7.20		5.73	8.53	8.16	7.14	5.70	6.54	5/5/20	4.31	4.25	7.22		3.99	7.80	6.88	6.00		5.95	7/5/20	12.42	5.47	6.55		5.67	8.26	6.95	8.41		6.35
2/5/20	9.22	6.57	7.19		5.83	8.35	8.22	7.31	5.35	6.77	5/5/20	4.22	4.50	7.38		4.12	7.81	6.77	6.14		5.70	5.94	11.39	5.69	6.35		6.19	8.14	6.97	8.06		6.72
2/5/20	9.54	6.72	7.20		5.63	8.07	7.58	6.54	5.63	6.81	5/5/20	4.33	4.72	7.31		3.98	7.90	7.03	5.96		5.68	5.91	11.25	5.52	6.33		6.16	8.43	6.91	7.95		6.45
2/5/20	9.65	6.38	7.47		5.56	8.07	7.83	6.58	5.48	6.82	5/5/20	4.80	4.90	7.28		3.94	7.97	7.23	6.19		5.68	5.92	9.93	5.67	6.62		5.92	8.70	6.81	8.00		6.62
2/5/20	9.68	6.18	7.26		5.75	8.22	7.81	6.53	5.24	7.10	5/5/20	4.07	4.98	7.15		4.08	7.99	7.55	6.16		5.67	5.74	8.74	5.31	6.53		6.03	8.28	6.97	7.71		7.17
3/5/20	9.20	6.21	7.12		5.61	8.28	7.57	7.18	4.62	6.96	5/5/20	5.37	4.88	7.12		4.18	7.99	7.71	6.26		5.73	5.93	7.94	4.99	7.25		6.26	7.87	6.89	7.66		7.25
3/5/20	8.93	5.67	7.24		5.50	8.23	7.07	7.03	4.19	6.54	5/5/20	6.32	4.83	7.22		3.92	7.79	7.75	6.25		7.70	5.59	7.75	4.99	7.87		6.28	8.49	7.50	7.77		7.12
3/																																

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1	ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1	ENC2	ENC4	PC1	EC	PC2	
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l
9/5/20	5.87	4.57	6.28		5.18	7.55	6.60	5.04		5.92	11/5/20	6.72	4.88	6.76	5.50	7.46	6.23	6.52	5.29		14/5/20	6.42	3.29	6.26		4.79			6.42	4.51	4.88
9/5/20	6.38	5.22	6.30		5.32	7.84	6.63	5.29		5.82	11/5/20	6.66	4.70	6.71	5.53	7.31	6.24	6.41	5.71		14/5/20	6.06	3.22	6.00		4.75			6.55	3.88	4.79
9/5/20	7.65	5.55	6.28		5.40	8.00	6.95	5.51		5.23	11/5/20	6.38	4.77	6.38	5.59	7.20	6.17	5.91	5.51		14/5/20	6.01	2.61	5.98		4.73			5.95	3.79	5.14
9/5/20	8.49	5.52	6.30		5.50	8.06	6.94	5.64		6.28	11/5/20	5.94	4.53	6.44	5.48	7.22	6.00	5.65	5.41		14/5/20	6.03	2.84	6.19		4.72			5.74	3.62	5.24
9/5/20	8.94	5.99	6.28		5.66	8.17	7.01	5.76	5.40	6.29	11/5/20	5.97	4.21	6.23	5.17	7.12	6.54	5.56	5.72		14/5/20	5.03	3.35	6.33		4.70			5.35	3.58	4.79
9/5/20	9.38	6.51	6.46		5.83	8.39	7.11	5.94		5.44	11/5/20	5.90	4.35	6.05	5.07	6.96	6.64	5.49	5.54		14/5/20	6.21	3.83	6.33		4.65			6.00	4.04	5.41
9/5/20	9.68	6.62	6.26		5.96	8.72	7.31	5.90	5.48	6.35	11/5/20	5.87	4.45	6.17	4.98	6.63	6.31	5.49	5.29		14/5/20	5.66	4.55	6.37		4.64			6.03	4.28	5.60
9/5/20	9.36	6.75	6.27		6.07	8.68	7.35	6.03	5.53	6.27	11/5/20	5.90	4.40	6.03	4.92	6.69	6.29	5.63	5.72		14/5/20	6.25	4.15	6.37		4.65			6.44	5.13	4.72
9/5/20	11.35	6.30	6.43		5.87	8.68	7.37	6.19	5.58	6.20	11/5/20	5.69	4.25	6.17	5.00	7.03	6.44	5.51	5.85		14/5/20	6.97	3.99	6.34		4.67			6.17	5.87	5.53
9/5/20	12.15	6.03	6.39		5.84	9.04	7.62	7.51	5.70	5.64	11/5/20	5.15	4.37	6.34	4.81	6.60	6.19	5.41	6.12		14/5/20	6.95	4.31	6.44		4.70			5.86	6.80	5.23
9/5/20	13.58	5.78	6.40		5.86	9.67	7.63	8.03	5.66	5.82	11/5/20	4.63	4.37	6.04	5.05	5.97	6.22	5.31	6.18		14/5/20	7.37	3.95	6.72		4.81			6.38	7.96	5.13
9/5/20	13.09	5.37	6.31		6.04	8.49	7.53	6.97	5.44	6.21	12/5/20	4.51	4.31	6.02	5.22	6.07	6.38	5.52	6.24		14/5/20	7.94	3.60	6.72		4.81			7.07	8.95	5.89
9/5/20	11.51	5.31	6.55		6.20	8.21	7.56	7.44	6.49	6.17	12/5/20	4.90	4.30	6.25	5.22	6.33	6.43	5.37	5.93		14/5/20	8.64	3.77	7.04		4.90			6.36		5.88
9/5/20	10.97	5.82	6.38		6.22	8.35	7.62	8.04	6.51	6.50	12/5/20	4.63	4.34	6.08	5.04	6.47	6.15	5.19	5.18		14/5/20	10.33	3.76	7.35		5.09			6.86		6.10
9/5/20	10.64	6.31	6.39		6.31	8.29	7.74	7.93		7.14	12/5/20	4.52	4.44	6.00	4.82	6.46	6.13	4.88	5.01		14/5/20	11.43	3.58	7.28		5.17			7.18		5.63
9/5/20	10.65	6.04	6.33		6.46	8.18	7.72	8.68		7.27	12/5/20	4.52	4.54	6.08	4.61	6.57	6.15	4.45	4.85		14/5/20	9.20	4.00	7.42		5.23			6.46		6.72
9/5/20	11.15	6.15	6.43		6.54	8.17	7.63	8.73		7.31	12/5/20	4.76	4.84	5.85	4.67	6.56	5.86	4.35	5.33		14/5/20	9.78	4.28	7.37		5.13			6.57		6.93
9/5/20	11.53	5.92	6.62		6.64	8.17	7.54	8.05		7.19	12/5/20	5.88	4.90	5.92	4.60	6.66	5.93	4.37	5.77		14/5/20	11.02	3.92	7.41		5.83			6.01		7.38
9/5/20	12.18	5.61	6.56		6.90	8.24	7.29	6.85		5.91	12/5/20	5.81	4.63	5.85	4.58	6.93	5.70	4.28	5.94		14/5/20	10.66	3.80	7.62		6.34			6.27		7.11
9/5/20	12.46	4.94	6.66		7.14	8.40	6.93	6.59		6.37	12/5/20	5.31	4.64	5.78	4.49	6.88	5.51	4.13	5.82		14/5/20	9.88	4.37	7.03		6.92			5.85		7.07
9/5/20	11.37	4.86	6.89		7.15	8.15	7.32	6.72		6.53	12/5/20	5.08	4.65	5.83	4.39	6.67	5.13	3.92	5.86		14/5/20	9.74	5.50	7.20		6.46			5.66		6.89
9/5/20	10.57	5.07	7.38		7.25	8.08	7.33	7.07		7.22	12/5/20	4.87	4.59	5.86	4.25	6.44	5.05	3.78	5.44		14/5/20	9.88	6.16	6.99		5.83	5.61		6.72		6.72
9/5/20	10.02	4.72	6.36		7.30	7.70	7.51	7.68		7.16	12/5/20	4.68	4.51	6.22	4.04	5.81	5.13	4.01	4.02		14/5/20	9.51	6.13	7.37		6.65			5.59	5.39	7.09
9/5/20	9.40	4.38	6.64		7.30	8.22	7.54	7.34		6.93	12/5/20	4.53	4.57	5.96	4.01	6.08	5.32	4.14	4.04		14/5/20	9.66	6.28	7.71		6.44			5.98	5.25	7.00
9/5/20	9.06	4.67	6.68		6.84	8.21	7.76	7.01		7.01	12/5/20	4.45	4.63	6.01	4.03	6.21	5.11	4.73	3.58		14/5/20	9.67	6.70	7.74		6.37			6.11	5.20	7.12
9/5/20	8.33	5.07	6.93		6.30	8.01	7.97	6.96		6.85	12/5/20	4.51	4.70	6.03	4.06	5.66	5.23	5.33	3.77		14/5/20	8.97	7.72	6.87		6.61			6.23	5.25	7.21
9/5/20	8.01	5.07	7.46		6.02	7.87	7.86	7.23		6.52	12/5/20	4.72	4.34	6.08	4.06	6.10	5.26	5.74	3.64		14/5/20	8.45	8.42	7.23		6.63			6.20	5.34	6.87
9/5/20	7.60	5.37	6.60		5.96	7.86	7.66	7.13	6.52	6.35	12/5/20	5.36	3.68	6.29	4.15	5.80	5.11	6.22	4.37		14/5/20	8.95	7.85	7.42		6.06			6.66	5.43	6.20
9/5/20	6.99	5.09	7.17		5.83	7.77	7.61	7.22	6.54	6.27	12/5/20	5.92	3.72	6.15	4.10		5.70		4.48		14/5/20	8.58	7.25	6.89		5.69			7.04	5.44	6.64
9/5/20	6.84	4.84	6.97		5.65	7.76	7.46	7.24	6.56	6.26	12/5/20	6.24	3.64	6.41	4.02		6.17		4.28		14/5/20	8.79	7.37	7.23		5.61			7.12	5.48	6.10
9/5/20	7.10	4.74	6.76		5.94	7.59	7.27	6.48	6.15	6.25	12/5/20	6.79	3.42	6.18	4.08		5.50		4.02		14/5/20	8.52	7.36	7.45		5.27			6.73	5.52	6.08
9/5/20	7.18	4.95	6.77		5.94	7.66	7.28	7.29	6.49	5.08	12/5/20	7.10	3.69	6.39	4.39		5.90		3.98		14/5/20	7.89	7.03	7.45		5.25			6.83	5.64	5.81
9/5/20	7.86	5.05	6.49		5.94	7.34	7.35	6.72	6.26	5.44	12/5/20	8.01	3.79	6.43	4.57		5.33		4.35		14/5/20	7.86	6.74	7.19		5.20			6.87	5.69	6.26
9/5/20	7.82	4.73	6.65		6.01	7.31	7.12	6.53	6.31	5.72	12/5/20	8.54	3.70	6.36	4.91		5.17		5.90		14/5/20	7.81	5.97	7.04		5.18			6.82	5.46	5.71
9/5/20	7.63	4.56	6.91		5.92	7.49	6.79	6.63	5.87	5.89	12/5/20	8.69	4.34	6.49	4.91		5.24		6.09		14/5/20	7.38	5.77	7.02		5.20			6.83	5.33	6.24
9/5/20	7.57	4.54	6.50		5.85	7.69	6.87	6.70	5.59	5.95	12/5/20	8.58	4.53	6.15	5.04		5.52		6.19		14/5/20	8.42	6.13	7.23		5.31			6.89	5.61	5.97
9/5/20	7.78	4.49	6.51		5.80	7.52	6.87	6.78	5.27	6.08	12/5/20	9.36	4.93	6.42	5.22		5.39	4.94	6.18		14/5/20	8.91	6.22	7.19		5.37			7.13	5.36	5.31
9/5/20	6.96	4.60	6.50		5.57	7.37	6.80	7.09	6.11	5.12/5/20	9.31	5.60	6.41	5.43		5.34	4.88	6.14	14/5/20	8.88	6.31	7.06		5.49			6.39	4.97	6.32		
9/5/20	6.24	4.61	6.34		5.43	7.40	6.27	6.51	4.44	5.90	12/5/20	9.12	6.34	6.34	5.29		5.45	4.95	6.17		14/5/20	8.03	6.39	7.01		5.36			6.94	5.24	6.47
9/5/20	5.23	4.68	6.25		5.29	7.26	6.67	6.21	4.45	6.10	12/5/20	8.53	6.34	6.01	5.54		5.58	4.90	6.17		14/5/20	8.21	6.26	6.63		5.24			7.45	4.79	6.11
9/5/20	4.32	4.52	6.28		5.14	7.20	6.61	6.30	4.85	6.12	12/5/20	7.94	6.89	6.22	5.76		5.87	4.90	6.12		15/5/20	7.68	5.98	6.82		5.24			7.47	5.43	6.12
9/5/20	3.87	4.40	6.37		5.03	7.17	6.53	5.99	5.17	6.21	12/5/20	7.78	6.94	6.43	5.77		6.18	5.00	5.82		15/5/20	8.05	5.63	6.56		5.14			6.66	4.61	6.08
9/5/20	4.02	4.21	6.18		5.02	7.12	6.02	5.94	5.24	5.39	12/5/20	7.66	6.71	6.38	5.98		7.00	5.17	5.16		15/5/20	6.63	5.21	6.63		5.08			6.86	4.70	5.43
9/5/20	3.97	4.15	6.08		4.90	7.22	5.80	5.83		5.07	12/5/20	7.47	6.6																		

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l
16/5/20	6.17	4.06	6.23		5.52			7.96		5.60	18/5/20	9.81	6.38		5.54				6.85	5.73	6.07	21/5/20	6.64	4.33			5.24		7.05	5.96	5.18	6.53
16/5/20	6.59	4.09	6.03		5.64			7.92		5.87	18/5/20	9.69	6.00		5.63				6.94	5.27	6.16	21/5/20	7.27	4.49			5.31	7.14	5.89	5.19	6.65	
16/5/20	7.96	4.26	6.16		5.80			7.14		6.69	19/5/20	9.17	5.62		5.30				7.18	4.75	6.20	21/5/20	6.99	4.80			5.36	7.13	5.64	5.20	6.60	
16/5/20	8.66	4.26	6.05		6.62			7.26		6.72	19/5/20	7.87	5.04		5.29				7.25	4.43	6.10	21/5/20	7.24	5.08			5.45	7.16	5.50	5.16	6.38	
16/5/20	7.89	4.23	6.11		6.38			6.50		6.60	19/5/20	7.61	4.73		5.27				6.92	4.25	6.31	21/5/20	7.14	5.27			5.47	7.20	5.78	5.14	6.00	
16/5/20	7.25	4.31	6.20		6.32			6.31		6.43	19/5/20	7.61	4.56		5.27				6.62	4.08	6.28	21/5/20	7.56	5.01			5.43	7.31	5.82	5.12	6.42	
16/5/20	7.71	4.80	6.27		6.90			6.61	5.89	6.58	19/5/20	7.26	4.63		5.18				6.53	4.35	6.24	21/5/20	9.40	5.09			5.42	7.35	6.49	5.13	4.90	
16/5/20	7.24	5.00	6.42		6.36			6.29	5.72	6.28	19/5/20	5.56	4.44		5.18				6.14	4.67	6.21	21/5/20	10.60	5.14			5.42	7.40	7.40	6.79	5.19	6.21
16/5/20	6.72	5.11	6.82		5.95			6.34	5.50	6.04	19/5/20	4.83	4.41		4.95				6.05	4.85	5.88	21/5/20	10.94	5.04			5.42	7.15	7.65	6.49	5.16	6.32
16/5/20	6.82	5.05	6.84		5.69			6.33	5.35	5.96	19/5/20	5.29	4.39		5.03				5.73	4.83	4.72	21/5/20	11.99	4.96			5.40	7.04	7.65	7.61		6.90
16/5/20	6.81	4.69	6.27		5.53			6.12	5.30	5.93	19/5/20	4.97	4.42		5.03				5.66	4.53	5.28	21/5/20	12.53	4.61			5.45	7.27	7.92	7.92		6.94
16/5/20	6.25	4.91	6.08		5.42			6.29	5.37	5.66	19/5/20	4.58	4.23		4.80				5.76	4.15	5.53	21/5/20	11.91	4.56			5.67	7.19	8.36	7.79		7.40
16/5/20	5.23	4.82	6.15		5.59			7.75	5.41	5.99	19/5/20	4.47	4.15		4.79				5.70	4.20	5.27	21/5/20	12.50	4.76			5.94	7.15	8.49	7.19		7.49
16/5/20	5.38	5.34	5.92		5.96			6.69	5.42	5.79	19/5/20	4.06	4.14		4.56				5.75	4.61	5.56	21/5/20	12.07	4.81			6.39	7.17	8.49	6.94		7.59
16/5/20	5.89	5.23	6.09		5.14			6.57	5.34	4.92	19/5/20	3.80	4.17		4.43				6.08	5.09	6.23	21/5/20	12.50	4.66			6.61	7.27	8.51	7.23		7.74
16/5/20	7.47	4.86	6.13		5.15			6.68	5.29	4.18	19/5/20	4.97	4.14		4.34				6.04	5.04	6.30	21/5/20	13.92	4.48			6.64	7.21	8.74	8.09		7.27
16/5/20	7.72	4.67	6.38		5.19			7.12	5.22	4.32	19/5/20	4.84	4.07		4.44				6.52	5.09	6.29	21/5/20	15.47	4.54			6.83	7.14	8.55	8.29		5.97
16/5/20	7.90	4.75	5.85		5.19			7.23	5.21	5.00	19/5/20	4.63	4.02		4.80				6.43	5.13	6.08	21/5/20	15.55	4.10			7.31	7.80	8.40	9.07		6.93
16/5/20	7.35	4.82	5.90		5.10			7.18	4.55	4.99	19/5/20	4.69	4.01		4.90				5.96	5.15	6.12	21/5/20	14.26	3.96			7.26	7.81	8.19	9.09		7.51
16/5/20	6.22	4.80	6.02		5.01			6.97	4.27	5.33	19/5/20	5.34	4.02		5.03				5.92	5.20	5.96	21/5/20	12.86	4.25			7.26	7.37	8.24	7.87		7.90
16/5/20	5.71	4.84	6.10		5.00			7.45	3.96	5.53	19/5/20	6.52	4.10		5.04				5.79	5.21	5.70	21/5/20	11.88	4.38			7.24	7.44	8.08	8.47		8.00
16/5/20	5.65	4.67	6.02		5.23			7.40	4.23	6.02	19/5/20	6.21	4.14		4.88				7.37	5.99	5.26	21/5/20	11.01	5.36			7.27	8.20	8.51	8.04		7.72
17/5/20	5.96	4.71	5.78		5.10			6.94	4.51	5.93	19/5/20	5.75	4.08		4.90				7.53	5.45	5.37	21/5/20	10.26	5.78			7.26	8.17	8.47	7.93		7.79
17/5/20	6.08	4.58	5.83		4.99			7.09	4.85	6.06	19/5/20	6.27	4.10		5.22				7.49	6.06	5.45	21/5/20	9.71	6.44			6.72	7.89	8.10	7.73		7.70
17/5/20	5.94	4.47	5.50		4.92			6.97	5.05	6.53	19/5/20	6.79	4.32		5.26				7.58	6.22	5.50	21/5/20	9.00	6.94			6.19	7.77	7.94	7.65		7.56
17/5/20	5.92	4.23	5.58		4.83			6.53	5.03	6.14	19/5/20	6.49	4.48		5.24				7.70	6.13	5.58	21/5/20	8.75	7.54			5.82	7.72	7.66	7.58		7.41
17/5/20	4.88	4.17	5.67		4.72			6.08	4.69	6.21	19/5/20	6.51	4.30		5.17				7.74	6.59	7.04	21/5/20	8.30	7.50			5.68	7.46	7.48	7.95		7.25
17/5/20	4.63	4.29	5.73		4.74			5.95	4.36	5.61	19/5/20	5.81	4.15		5.06				7.75	6.63	7.20	21/5/20	7.86	7.29			5.48	7.50	7.39	8.20		7.15
17/5/20	4.22	4.18	5.44		4.82			5.32	4.28	5.48	19/5/20	5.63	4.32		5.20				7.86	6.80	6.08	21/5/20	7.17	6.76			5.66	7.24	7.41	7.71		6.88
17/5/20	4.26	4.19	5.04		4.88			5.66	4.67	6.31	19/5/20	6.26	4.30		5.34				7.96	6.74	6.13	21/5/20	8.05	6.29			5.68	6.84	7.57	7.69		6.01
17/5/20	4.79	3.91	5.63		4.61			5.37	4.92	6.28	19/5/20	5.93	4.25		5.29				7.89	6.36	5.37	21/5/20	8.68	6.01			5.62	7.07	7.72	7.43	5.88	5.85
17/5/20	4.38	3.99	5.58		4.34			5.83	5.09	6.28	19/5/20	5.96	4.33		5.14				7.90	6.52	4.92	22/5/20	9.38	6.08			5.82	6.80	7.92	7.17	5.94	6.87
17/5/20	3.92	4.22	5.17		4.31			5.96	5.14	6.29	19/5/20	6.20	4.16		5.12				7.86	6.76	4.88	22/5/20	10.86	9.04			6.09	6.80	7.97	7.15	5.37	7.08
17/5/20	4.13	3.91	5.07		4.25			5.77	5.21	6.26	19/5/20	6.34	4.09		4.99				8.56	6.91	5.12	22/5/20	10.63	6.93			6.12	7.33	7.57	6.90	4.98	7.14
17/5/20	4.10	3.82	5.70		4.32			5.95	5.26	6.19	19/5/20	5.34	4.09		5.50				7.97	6.78	4.79	22/5/20	10.79	5.80			6.16	7.26	7.49	6.63		7.44
17/5/20	4.58	3.92	5.41		4.39			5.63	5.22	5.81	19/5/20	5.46	4.16		5.82				7.91	6.89	5.43	22/5/20	9.91	5.31			6.07	7.93	7.58	6.94		7.20
17/5/20	4.68	3.97	5.41		4.51			5.46	5.16	5.86	19/5/20	5.33	4.17		5.91				8.11	6.65	5.46	22/5/20	6.77	5.14			5.97	7.79	7.61	6.76		7.22
17/5/20	5.86	4.14	5.48		4.60			5.99	5.05	5.86	19/5/20	5.50	4.09		5.64				7.95	6.68	6.38	22/5/20	5.57	5.32			5.96	8.18	7.46	6.31		6.95
17/5/20	7.20	4.18	5.64		4.92			5.67	4.99	5.59	19/5/20	4.87	4.05		5.42				7.90	6.59	6.40	22/5/20	5.05	5.09			6.19	8.37	7.49	6.04		6.84
17/5/20	7.48	4.02	5.72		4.96			5.70	4.94	5.43	19/5/20	5.30	4.14		5.37				7.88	5.67	5.83	22/5/20	4.69	4.61			6.69	8.55	7.44	6.03		6.56
17/5/20	8.69	4.32	5.82		5.01			5.94	4.82	5.21	19/5/20	6.05	3.98		5.26				7.33	5.69	5.73	22/5/20	3.79	4.20			6.92	8.66	7.23	5.58		6.62
17/5/20	8.39	4.53	5.70		5.08			6.00	4.87	5.18	19/5/20	5.15	4.02		4.95				7.33	6.15	5.73	22/5/20	3.21	3.71			6.80	8.86	6.86	5.78		6.29
17/5/20	8.90	4.62	5.83		5.28			6.27	5.14	5.64	19/5/20	4.76	3.93		4.82				7.33	6.16	5.81	22/5/20	3.18	3.49			6.69	8.53	7.00	5.36		6.59
17/5/20	9.32	4.55	5.90		5.36			6.42		5.82	19/5/20	4.75	3.89		4.79				7.36	5.92	5.96	22/5/20	3.46	3.34			6.68	8.37	7.06	5.04		4.61
17/5/20	9.28	5.43	5.98		5.56			6.51			19/5/20	5.24	4.01		4.60				7.44	6.21	6.05	22/5/20	3.77	3.55			6.65	8.38	7.04	5.25		

data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	ve1 mg/l		ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	ve1 mg/l	ve2 mg/l		ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l			
23/5/20	11.77	4.89			7.17	8.62	8.15	7.89			7.53	26/5/20	3.27	4.29			5.26	7.25	6.63	4.98	3.85	6.40	28/5/20	8.77	6.43	6.34		7.12	7.26	7.30	5.85		6.25		
23/5/20	12.55	4.81			7.19	8.80	8.46	8.90			7.55	26/5/20	2.50	4.06			5.09	7.32	6.49	4.57	3.76	6.33	28/5/20	9.77	6.62	5.91		6.91	7.30	7.33	5.46		6.39		
23/5/20	12.30	5.21			7.18	7.72	8.43	8.62			7.82	26/5/20	2.61	3.80			4.96	7.42	6.57	4.98	3.82	6.01	28/5/20	10.35	6.82	6.15		6.90	7.21	7.50	5.48		6.66		
23/5/20	11.34	5.30			7.18	7.91	8.37	8.27			7.60	26/5/20	2.57	3.78			4.66	7.27	6.59	5.11	4.45	5.85	28/5/20	9.59	7.04	5.87		6.83	7.04	7.58	5.23		6.87		
23/5/20	10.97	5.64			7.01	8.23	8.23	7.80			7.52	26/5/20	1.84	3.58			4.57	6.59	6.50	4.93	4.97	5.97	28/5/20	8.47	6.80	5.91		6.78	6.91	7.59	5.18		6.98		
23/5/20	10.75	6.00			6.23	8.03	8.74	7.50			7.43	26/5/20	2.22	3.75			4.53	6.05	6.40	5.44	5.16	5.76	28/5/20	8.28	6.90	5.66		6.88	6.73	7.49	4.87		7.09		
23/5/20	10.94	6.44			5.80	7.81	7.63	7.18			7.18	26/5/20	2.99	3.76			4.56	5.81	6.62	5.09	5.43	5.66	28/5/20	8.40	7.58	6.07		6.25	6.41	7.41	5.12		7.14		
23/5/20	10.51	7.04			5.64	7.74	7.62	7.16			7.00	26/5/20	3.67	3.57			4.64	5.83	6.73	5.33	5.67	6.09	28/5/20	8.27	6.90	6.48		5.85	6.47	7.23	4.90		7.18		
23/5/20	10.11	6.66			5.47	7.61	7.40	6.77			6.90	26/5/20	4.60	3.16			4.73	5.60	6.90	5.01	5.90	6.12	28/5/20	7.25	6.10	6.17		5.75	6.75	7.31	5.77		7.06		
23/5/20	9.00	6.75			5.34	7.53	7.21	7.44			6.90	26/5/20	5.47	3.74			4.83	5.69	6.96	5.09	6.57	5.95	28/5/20	7.32	6.47	6.36		5.57	6.67	7.70	8.81		7.19		
23/5/20	9.33	6.21			5.88	7.36	6.84	7.65	5.88		6.91	26/5/20	6.50	4.24			5.05	6.04	7.08	5.29		5.90	28/5/20	7.97	6.44	6.00		6.12	6.41	7.87	6.94		7.29		
23/5/20	9.99	5.81			5.44	7.39	7.29	7.66	5.85		6.77	26/5/20	7.36	4.19			5.70	6.36	7.29	5.65		6.21	28/5/20	9.08	5.21	6.44		6.50	6.71	7.89	7.12		7.16		
24/5/20	10.79	5.97			5.48	7.35	7.29	7.25	5.54		6.72	26/5/20	8.17	4.16			4.82	6.13	7.50	5.58		6.01	28/5/20	9.28	4.91	6.62		6.37	6.56	7.52	7.68		7.25		
24/5/20	10.32	5.86			5.50	7.15	7.15	7.08	5.15		6.74	26/5/20	8.00	4.14			5.22	6.77	8.13	5.40		6.11	28/5/20	8.46	5.14	5.96		6.30	6.50	7.07	7.42		7.20		
24/5/20	9.28	5.70			5.59	7.09	7.32	6.84	5.13		6.65	26/5/20	8.12	4.38			5.50	7.13	7.87	6.05			28/5/20	7.69	6.03	6.18		6.58	6.48	6.89	7.89		6.95		
24/5/20	8.36	5.68			5.63	7.34	7.30	6.47	4.77		6.64	26/5/20	9.05	5.02			6.04	7.41	7.59	6.57			28/5/20	6.80	5.52	6.13		6.61	6.33	6.63	7.54		7.08		
24/5/20	7.92	5.50			5.62	7.28	7.11	6.30	4.37		6.70	26/5/20	9.38	5.60			5.86	7.42	7.46	6.05			28/5/20	6.19	5.50	6.00		6.77	6.27	6.80	7.02		6.95		
24/5/20	7.00	4.97			5.42	7.18	7.08	6.19	3.49		6.64	26/5/20	9.00	5.76			5.87	7.43	7.48	5.58			28/5/20	5.35	5.36	5.69		6.81	6.24	6.69	7.44		7.01		
24/5/20	7.72	4.84			5.37	7.14	7.02	5.98	3.51		6.57	26/5/20	9.31	5.78			6.05	7.60	7.52	5.57			28/5/20	4.63	5.21	6.13		6.03	5.98	6.70	7.66		6.84		
24/5/20	7.27	4.66			5.32	7.07	6.91	6.05	3.99		6.53	26/5/20	8.92	6.44			6.11	7.66	7.64	5.43			28/5/20	4.68	5.23	6.21		6.65	6.32	6.57	6.61		7.07		
24/5/20	6.09	4.52			5.25	7.07	6.93	5.73	4.42		6.36	26/5/20	7.59	6.47			5.98	7.16	7.56	5.51			28/5/20	4.87	4.87	6.01		6.15	6.31	6.77	6.79		6.90		
24/5/20	5.36	4.40			4.95	6.90	6.84	5.76			6.34	26/5/20	7.92	6.62			6.56	6.94	7.56	5.09			28/5/20	5.09	4.48	6.50		5.87	6.08	7.01	6.56		6.63		
24/5/20	4.63	4.20			4.75	6.81	6.59	5.84			6.49	26/5/20	9.44	6.93			5.61	6.71	7.59	5.43			29/5/20	5.14	4.43	6.58		5.53	5.58	6.97	6.36		6.72		
24/5/20	3.35	4.08			4.73	6.71	6.59	5.67			6.50	26/5/20	10.01	6.47			5.53	7.59	7.65	5.40			29/5/20	4.82	4.43	6.62		5.32	5.55	6.70	6.47		6.63		
24/5/20	2.92	3.98			4.76	6.66	6.56	5.60			6.19	26/5/20	9.28	6.31			5.51	6.82	7.56	5.84			29/5/20	4.19	4.61	6.39		5.30	5.42	6.55	6.60		6.67		
24/5/20	3.34	3.83			4.71	6.86	6.69	5.67			6.11	26/5/20	7.41	6.59			5.92	6.88	7.67	6.47			29/5/20	4.24	4.37	6.57		5.20	5.24	6.45	6.34		6.68		
24/5/20	3.90	4.00			4.96	7.00	6.86	5.92			6.35	26/5/20	8.08	6.64			5.86	6.92	7.47	8.12			29/5/20	4.32	4.23	6.92		5.38	5.41	6.36	6.00		6.78		
24/5/20	4.14	3.90			5.03	7.18	6.83	5.92			6.54	26/5/20	7.97	6.16			6.12	6.93	7.67	8.01			29/5/20	3.52	4.25	6.65		5.58	5.60	6.42	5.59		6.74		
24/5/20	4.87	4.07			4.90	7.37	7.02	5.99			6.57	26/5/20	8.79	5.86			5.82	6.94	7.55	7.62			29/5/20	3.32	4.13	6.02		5.38	5.50	6.41	5.63		6.63		
24/5/20	4.97	4.21			4.96	7.39	7.18	6.02			6.51	26/5/20	9.26	5.66			6.27	6.90	7.54	7.56			29/5/20	1.66	3.98	5.58		5.41	5.43	6.42	5.27		6.67		
24/5/20	5.01	4.46			5.05	7.25	6.97	5.71			6.36	26/5/20	9.24	5.64			6.41	6.59	7.51	7.42			29/5/20	3.44	3.52	5.65		5.31	5.39	6.44	5.10		6.53		
24/5/20	5.39	4.78			5.25	7.30	7.14	5.79			6.38	26/5/20	9.04	5.50			6.39	6.52	7.34	7.36			29/5/20	3.47	3.74	5.62		5.24	5.65	6.37	5.34		6.43		
24/5/20	6.47	5.65			5.52	7.48	7.16	5.89			6.44	26/5/20	8.93	5.16			6.61	6.56	6.85	6.75			29/5/20	4.06	3.76	5.89		5.07	5.79	6.22	5.05		6.50		
24/5/20	8.65	5.70			5.64	7.46	7.16	5.69			6.49	26/5/20	8.09	4.87			6.49	6.77	6.95	7.35			29/5/20	3.98	3.81	6.06		5.03	5.99	6.25	4.77		6.44		
24/5/20	9.50	5.82			5.77	7.56	7.44	5.59			6.56	26/5/20	6.49	4.70			6.37	6.61	6.92	7.13			29/5/20	3.78	3.72	5.96		4.94	6.05	6.34	4.80	3.04	6.64		
24/5/20	7.94	5.90			5.81	7.65	7.56	5.48			6.57	26/5/20	6.22	5.18			5.93	6.42	7.10	6.95			29/5/20	3.76	3.68	5.89		4.95	6.08	6.27	4.57	3.32	6.68		
24/5/20	6.95	6.07			5.81	7.86	7.55	5.36			6.52	26/5/20	5.91	4.86			6.42	6.29	7.12	6.49			29/5/20	4.19	3.71	5.70		4.86	6.14	6.40	4.34	4.21	6.75		
24/5/20	7.46	5.99			6.07	7.77	7.69	5.50			6.19	26/5/20	5.26	4.52			6.29	6.41	6.93	6.26			29/5/20	4.88	3.87	5.70		4.84	6.19	6.20	4.50	4.75	6.84		
24/5/20	8.02	6.07			5.57	7.67	7.77	5.93			5.97	26/5/20	3.82	4.12			6.25	6.62	6.79	6.04			29/5/20	5.31	3.94	5.70		4.90	6.55	6.15	4.62	5.40	6.94		
24/5/20	10.62	6.09			5.54	8.04	7.85	7.57			6.42	26/5/20	2.76	4.59			6.03	6.51	6.83	5.96			29/5/20	5.58	3.47	6.21		5.06	6.54	6.38	5.28		6.80		
24/5/20	12.55	6.08			5.62	7.77	7.82	8.08			6.93	26/5/20	5.21	4.63			5.81	6.48	6.93	5.72			29/5/20	4.89	3.56	5.72		5.19	6.63	6.34	4.89		7.03		
24/5/20	13.40	6.00			5.63	7.85	7.90	7.54			7.42	27/5/20	6.69	4.47			5.28	6.23	6.75	5.63			29/5/20	5.14	3.44	5.56		5.21	7.41	6.86	5.60		6.99		
24/5/20	14.27	5.97			5.66	7.68	7.98	7.80			7.18	27/5/20	7.28																						

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l
30/5/20	7.54	6.61	5.66		5.62	6.77	8.14	7.92	4.69	6.90	2/6/20	3.67	4.22	6.12	5.74	7.17	6.86	5.62	6.67	4/6/20	3.97	3.77	5.89		4.95	6.06	6.17	5.50				6.05
30/5/20	6.61	6.33	5.95		5.68	6.68	7.95	7.29	3.68	6.77	2/6/20	4.33	4.77	5.28	5.65	7.32	6.48	5.56	6.57	4/6/20	3.60	3.41	6.17		4.97	6.18	6.27	6.30				5.82
30/5/20	6.24	6.14	5.97		5.52	6.58	7.12	6.83	3.59	6.62	2/6/20	4.34	4.55	4.69	5.74	7.08	6.89	5.23	6.54	4/6/20	4.06	3.57	6.24		4.98	6.43	6.06	5.32				5.76
30/5/20	5.94	6.03	5.17		5.40	6.47	6.82	6.48	3.45	6.60	2/6/20	5.21	4.59	5.60	5.25	6.98	7.56	5.44	6.54	4/6/20	4.58	3.62	5.67		4.96	6.57	6.26	5.53				5.80
31/5/20	5.92	5.86	5.71		5.31	6.40	7.47	6.49	3.53	6.55	2/6/20	5.85	4.36	6.15	5.29	7.58	6.83	5.27	6.89	4/6/20	4.06	3.63	4.39		4.89	6.62	6.30	5.94				5.78
31/5/20	5.50	5.79	5.53		5.22	6.40	6.94	6.18	3.59	6.74	2/6/20	5.98	4.59	6.38	5.36	7.14	6.74	5.23	6.75	4/6/20	3.86	3.56	5.79		4.71	6.65	6.51	6.12				5.87
31/5/20	4.68	5.02	5.02		5.09	6.46	6.88	6.68	3.59	6.61	2/6/20	6.28	4.84	6.53	5.54	6.87	7.05	5.32	6.81	4/6/20	3.71	3.55	5.75		4.70	6.65	6.51	6.07				5.97
31/5/20	4.84	4.86	5.62		5.16	6.35	6.99	5.72	4.09	6.59	2/6/20	6.51	5.06	5.80	6.24	6.84	7.70	7.09	6.94	4/6/20	4.03	3.42	5.86		4.73	6.76	6.53	6.03				6.02
31/5/20	3.82	5.05	6.21		4.99	6.34	6.92	6.55	4.26	6.89	2/6/20	6.02	5.06	5.78	6.67	7.02	8.32	7.46	7.21	4/6/20	4.16	3.36	5.73		4.55	6.55	6.45	5.97				6.02
31/5/20	3.80	5.04	5.17		5.66	6.17	6.61	6.23	4.86	6.86	2/6/20	5.88	4.85	6.05	7.02	6.89	7.96	7.13	7.34	4/6/20	3.96	3.43	5.49		4.78	6.14	6.65	5.87				6.09
31/5/20	3.46	4.98	4.88		5.73	6.22	6.44	6.18	4.19	6.79	2/6/20	7.01	5.07	5.46	7.17	6.96	8.15	6.76	7.49	4/6/20	4.00	3.55	5.82		4.75	6.14	6.52	5.68				5.96
31/5/20	3.42	5.16	5.62		5.18	6.02	6.07	5.45	4.52	6.73	2/6/20	8.08	4.65	4.18	7.15	7.10	8.32	9.14	7.69	4/6/20	4.06	3.46	5.55		4.80	6.12	6.65	5.68				6.03
31/5/20	3.35	4.98	5.54		4.80	5.91	6.52	5.44	4.67	6.76	2/6/20	8.93	4.70	6.11	7.13	7.58	8.49	9.42	7.66	4/6/20	4.45	3.36	5.56		4.70	6.14	6.66	5.65				6.09
31/5/20	3.39	4.91	6.19		4.56	5.96	6.43	5.92	4.61	6.69	2/6/20	9.08	4.73	6.61	7.11	8.72	8.26	7.68	7.84	5/6/20	4.29	3.39	4.25		4.64	6.27	6.58	5.60				6.08
31/5/20	3.87	4.99	5.12		4.38	5.90	6.69	5.90	4.69	6.65	2/6/20	9.04	4.53	7.81	7.04	8.51	7.84	6.45	7.79	5/6/20	3.89	3.43	3.61		4.56	6.11	6.49	5.21				6.13
31/5/20	4.13	4.90	5.50		4.23	5.80	6.72	5.61	4.64	6.61	2/6/20	9.57	4.29	7.93	7.04	8.10	7.66	6.37	7.79	5/6/20	3.90	3.57	3.76		4.40	5.84	6.42	4.86				6.10
31/5/20	3.06	4.79	5.95		4.73	5.73	6.70	5.35	4.36	6.47	2/6/20	9.20	4.83	8.23	7.03	7.71	7.35	6.61	7.86	5/6/20	4.30	3.75	4.75		4.27	5.78	6.37	5.17				6.05
31/5/20	2.64	4.64	5.61		5.07	5.66	6.76	5.56	4.32	6.56	2/6/20	9.27	5.20	8.64	7.00	7.76	7.36	8.02	7.57	5/6/20	4.07	3.99	5.45		4.21	5.77	6.32	5.73				6.10
31/5/20	3.07	4.44	5.91		5.12	5.63	6.79	5.69	4.21	6.61	2/6/20	8.45	6.33	8.69	7.01	7.72	7.92	8.08	7.33	5/6/20	4.38	3.94	4.89		4.13	5.56	6.33	5.38				6.05
31/5/20	3.27	4.39	6.58		5.27	5.75	6.79	5.60	4.24	6.88	2/6/20	7.98	5.86	8.53	7.13	7.61	6.88	7.49	7.34	5/6/20	4.93	3.88	5.23		3.99	5.34	6.44	5.58				5.99
31/5/20	3.96	4.50	6.89		5.20	5.92	6.37	5.25	4.65	6.89	2/6/20	6.73	5.56	8.66	6.92	7.49	8.03	7.31	7.12	5/6/20	4.96	3.85	4.97		3.84	4.94	6.39	5.54				5.92
31/5/20	4.80	4.48	5.76		5.17	6.06	6.50	5.40	5.24	6.97	2/6/20	6.12	5.84	7.39	6.50	7.43	7.79	6.59	6.99	5/6/20	4.71	3.28	4.06		3.79	4.75	6.31	6.10				5.87
31/5/20	5.56	4.52	5.82		5.24	6.29	6.88	5.44	5.45	7.08	2/6/20	5.98	6.04	6.56	6.42	7.38	7.69	6.29	6.92	5/6/20	5.21	3.49	4.45		3.77	4.71	6.22	6.04				5.86
31/5/20	6.16	4.48	6.17		5.28	6.55	6.82	5.90	5.58	7.12	2/6/20	5.63	5.82	6.26	6.27	7.29	7.50	6.26	6.90	5/6/20	5.16	3.47	4.62		3.78	4.73	6.16	5.58				5.93
31/5/20	6.99	4.46	6.06		5.40	6.62	6.98	5.62	6.20	7.14	2/6/20	5.90	7.07	7.78	5.32	7.06	7.38	6.53	6.95	5/6/20	4.01	3.36	4.81		3.80	4.81	5.98	5.58				5.85
31/5/20	7.65	4.47	5.96		5.59	6.68	7.17	5.92		7.02	2/6/20	5.48	6.41	7.31	5.06	6.99	7.31	6.51	7.05	5/6/20	3.94	3.25	4.86		3.66	4.76	6.26	5.13				5.76
31/5/20	7.47	4.40	5.72		5.79	6.94	7.50	5.92		6.93	2/6/20	5.48	6.00	7.78	5.03	6.58	7.54	6.30	7.16	5/6/20	3.85	2.85	4.30		3.67	4.85	6.36	5.10				5.83
31/5/20	8.62	4.20	6.03		5.87	7.06	7.58	5.79		7.02	2/6/20	5.61	5.32	7.41	5.08	6.58	7.55	6.26	7.00	5/6/20	3.41	2.66	3.90		3.58	4.89	6.36	5.33				6.03
31/5/20	8.93	4.06	5.95		6.17	7.71	7.51	5.64		7.25	2/6/20	6.08	4.97	5.39	5.11	6.82	7.54	6.17	6.88	5/6/20	3.05	2.83	4.18		3.61	5.03	6.45	5.29				5.88
31/5/20	9.51	4.44	5.65		6.78	8.88	7.66	5.72		7.26	2/6/20	6.01	4.64	5.84	5.35	6.75	7.53	5.97	6.90	5/6/20	3.49	3.33	4.49		3.85	5.48	6.45	5.29				5.83
31/5/20	9.29	4.24	5.90		6.53	8.36	7.54	5.14		7.20	2/6/20	6.33	4.96	5.81	5.46	6.84	7.53	5.95	7.00	5/6/20	2.92	3.47	5.24		3.96	5.72	6.45	5.01				5.86
31/5/20	8.54	4.58	7.17		6.86	7.71	8.26	6.83		7.26	2/6/20	6.62	4.86	5.78	5.57	6.64	7.24	5.85	6.92	5/6/20	3.12	3.39	4.15		4.23	5.87	6.33	4.60				5.87
31/5/20	8.13	6.06	7.34		7.13	7.74	8.47	8.09		7.47	3/6/20	6.61	5.24	6.12	5.57	6.55	6.99	5.35	7.24	5/6/20	3.26	3.61	2.87		4.37	5.97	6.40	4.75				5.89
31/5/20	10.86	6.88	8.35		7.33	7.92	9.08	8.24		7.35	3/6/20	6.16	5.01	6.21	5.46	6.76	6.68	5.26	7.71	5/6/20	3.92	3.75	3.04		4.69	6.09	6.33	4.59				5.88
31/5/20	11.77	6.87	6.99		7.33	7.54	8.03	7.23		7.36	3/6/20	5.78	4.89	5.75	5.46	7.26	5.54	5.96	7.63	5/6/20	3.01	3.84	5.38		5.12	6.05	6.41	4.80				5.82
31/5/20	12.12	6.62	7.45		7.33	7.49	7.70	7.21		7.27	3/6/20	5.94	4.70	6.02	5.47	7.11	6.37	4.92	7.30	5/6/20	4.13	3.83	4.77		4.91	6.03	6.37	4.94				5.80
31/5/20	11.20	6.69	7.23		7.23	7.18	8.44	6.57		7.30	3/6/20	5.93	4.65	5.34	5.34	6.69	6.32	4.72	6.83	5/6/20	5.62	3.79	4.15		4.87	6.09	6.35	5.09				5.81
31/5/20	9.98	7.03	8.55		7.06	7.20	8.62	6.54		7.18	3/6/20	5.54	4.38	5.53	5.16	6.11	6.23	4.77	6.65	5/6/20	6.45	3.79	4.49		4.83	6.32	6.55	5.30				5.87
31/5/20	9.05	7.05	6.78		6.71	7.37	7.88	5.74		7.14	3/6/20	4.50	4.09	4.32	5.07	5.75	6.00	5.41	6.70	5/6/20	6.77	3.59	4.42		4.72	6.22	6.51	4.90				6.13
31/5/20	8.60	7.32	7.84		6.06	7.31	7.51	5.71		7.28	3/6/20	3.56	3.84	3.54	4.90	5.59	5.75	5.02	6.29	5/6/20	6.49	3.76	3.96		5.63	6.27	6.44	5.15				6.33
31/5/20	8.20	7.63	8.40		5.80	7.20	7.21	5.66		7.36	3/6/20	2.85	3.48	5.36	4.80	5.15	5.76	5.07	6.22	5/6/20	6.88	3.57	4.30		5.47	6.16	6.83	5.27				6.49
31/5/20	7.58	7.46	7.29		5.83	7.04	6.94	6.04		7.41	3/6/20	2.35	3.37	5.95	4.79</																	

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l
7/6/20	5.08	5.06			5.67	6.22	6.42	6.52		6.70	9/6/20	6.48	5.01			5.82	7.75	6.63	4.55		6.27	11/6/20	3.67	5.05			5.61	6.76	6.69		6.96	
7/6/20	4.32	4.79			5.64	6.18	6.39	6.40		7.01	9/6/20	6.83	5.24			6.20	7.78	6.75	5.13		6.33	11/6/20	1.65	4.91			6.27	7.15	6.43		6.74	
7/6/20	4.34	4.51			5.44	6.10	6.32	6.32		6.98	9/6/20	6.50	5.68			6.19	7.83	6.80	5.33		6.45	11/6/20	1.46	4.36			6.69	7.63	5.74		6.98	
7/6/20	4.33	4.33			5.30	5.79	6.18	6.59		6.86	9/6/20	6.25	6.03			6.46	7.64	6.86	4.93		6.53	11/6/20	1.65	3.85			6.46	7.06	5.80		7.05	
7/6/20	4.40	4.19			5.21	6.84	6.02	5.74		6.81	9/6/20	5.39	5.54			6.98	7.83	6.63	4.79		6.50	12/6/20	1.22	4.19			5.90	6.74	4.51		7.36	
7/6/20	4.03	4.09			5.10	6.51	5.94	5.72		6.72	9/6/20	3.71	5.51			5.69	7.92	6.62	4.97		6.69	12/6/20	1.00	4.24			5.28	6.43	4.22		7.14	
7/6/20	2.43	3.85			5.01	6.56	5.67	5.09		6.62	9/6/20	5.38	5.28			5.26	7.61	6.65	4.78		6.63	12/6/20	1.33	4.18			5.09	6.27	5.60		7.10	
7/6/20	2.14	3.81			5.05	5.72	6.15	4.30		6.49	9/6/20	7.53	4.93			5.24	7.23	6.59	5.56		6.65	12/6/20	0.74	4.13			5.33	6.52	6.07		6.89	
7/6/20	2.89	4.03			5.39	4.97	6.34	3.91		6.51	9/6/20	8.10	4.60			5.27	3.54	6.60	5.83		7.01	12/6/20	2.55	4.27			5.67	7.00	6.43		6.93	
7/6/20	3.71	3.96			5.36	6.70	6.27	3.73		6.47	9/6/20	9.15	4.98			5.45	8.14	6.81	5.11		6.95	12/6/20	2.36	4.29			5.83	5.86	6.03		6.70	
7/6/20	3.28	3.98			5.45	7.12	6.59	4.98		6.87	9/6/20	11.00	5.12			5.70	7.66	7.02	5.96		7.13	12/6/20	1.11	4.45			5.73	6.06	6.04		6.57	
7/6/20	3.01	4.00			5.55	6.80	6.56	5.09		6.70	9/6/20	10.88	4.80			5.63	7.93	6.82	6.83		7.14	12/6/20	4.90	4.65			5.43	6.32	4.70		7.69	
7/6/20	2.94	4.63			5.96	6.47	6.69	5.12		6.54	9/6/20	10.42	5.25			5.50	7.96	6.74	6.51		6.96	12/6/20	8.17	4.69			5.48	5.55	4.99		6.85	
7/6/20	3.62	4.91			6.03	6.68	6.74	5.37		6.50	9/6/20	10.05	5.04			5.41	7.48	6.95	6.72		6.81	12/6/20	9.39	4.70			5.42	5.99	5.66		7.34	
7/6/20	5.30	5.12			5.88	6.65	6.78	5.18		6.50	9/6/20	9.06	4.77			5.46	6.94	6.67	7.26		6.76	12/6/20	8.66	4.50			5.30	5.82	5.73		7.69	
7/6/20	6.49	5.14			6.00	6.64	6.91	5.55		6.49	9/6/20	8.21	5.03			5.51	6.82	6.92	6.91		6.78	12/6/20	7.26	4.62			5.33	5.91	6.96		7.39	
7/6/20	6.52	5.45			6.23	6.63	6.96	5.60		6.45	9/6/20	8.22	4.72			5.75	7.43	6.84	5.97		6.95	12/6/20	6.41	4.37			5.08	5.95	6.24		7.17	
7/6/20	6.38	5.50			6.08	6.73	7.03	5.66		6.44	9/6/20	7.56	4.13			5.67	7.76	7.71	5.84		6.89	12/6/20	6.14	4.29			5.03	6.25	5.86		7.33	
7/6/20	6.60	5.65			6.03	6.61	7.10	5.60		6.43	9/6/20	6.91	4.23			6.01	7.71	6.77	5.40		6.91	12/6/20	5.58	4.37			5.08	6.28	5.74		7.27	
7/6/20	7.53	5.98			5.83	6.75	7.13	5.64		6.39	9/6/20	5.96	4.22			5.81	7.69	6.75	6.71		7.01	12/6/20	5.47	4.34			5.31	6.84	5.78		7.65	
7/6/20	7.70	6.15			5.59	6.60	6.97	5.72		6.51	9/6/20	5.54	3.79			5.52	7.36	6.86	6.58		7.07	12/6/20	5.27	4.37			5.33	6.91	5.86		7.42	
7/6/20	8.48	6.27			5.33	5.68	7.12	5.20		6.29	9/6/20	5.12	3.00			5.15	7.13	6.84	6.18		6.95	12/6/20	4.40	4.25			5.52	7.11	5.92		7.43	
7/6/20	8.17	6.02			5.22	5.95	7.31	4.89		7.03	9/6/20	4.88	2.48			5.23	7.04	6.94	5.43		6.74	12/6/20	4.01	4.09			5.88	7.29	6.00		7.15	
7/6/20	7.50	5.53			5.25	6.83	7.11	6.25		7.29	10/6/20	3.25	2.95			4.65	6.84	6.87	5.34		6.58	12/6/20	4.18	3.48			5.74	7.54	6.30		6.92	
7/6/20	7.81	5.57			5.61	6.59	7.21	6.32		7.36	10/6/20	4.34	3.58			5.31	5.69	6.79	5.36		6.51	12/6/20	6.22	3.65			5.92	7.74	5.50		6.03	
7/6/20	7.84	5.39			5.66	6.63	7.26	8.32		7.34	10/6/20	5.94	3.58			5.34	1.96	6.61	5.85		6.43	12/6/20	7.91	3.89			6.57	7.49	4.84		5.87	
7/6/20	7.65	5.53			5.91	6.53	7.38	6.91		7.31	10/6/20	6.45	3.09			5.40	6.54	6.29	5.86		6.43	12/6/20	7.66	4.13			7.01	7.69	5.60		5.87	
7/6/20	6.73	5.05			6.09	6.51	7.32	6.22		7.24	10/6/20	6.40	3.03			5.46	7.09	6.27	6.14		6.39	12/6/20	7.74	4.14			7.20	8.07	6.67		5.98	
7/6/20	5.70	4.92			6.63	6.54	7.12	6.35		7.14	10/6/20	7.57	3.00			5.53	6.93	6.57	6.30		6.56	12/6/20	8.29	4.48			7.17	7.97	6.13		7.03	
7/6/20	5.08	4.37			6.77	6.21	7.01	6.12		6.88	10/6/20	6.88	2.62			5.50	6.89	6.44	5.64		6.64	12/6/20	8.48	4.55			7.16	8.29	5.71		7.00	
7/6/20	4.81	4.60			6.64	5.91	7.19	6.72		7.08	10/6/20	6.10	2.87			5.30	6.56	6.39	6.03		6.53	12/6/20	7.59	4.98			7.15	8.35	5.23		7.15	
7/6/20	3.91	4.32			6.46	5.85	7.13	6.33		6.86	10/6/20	5.11	3.98			5.02	6.01	6.21	6.20		7.67	12/6/20	8.81	5.39			7.15	8.31	5.48		7.28	
7/6/20	4.42	3.95			6.36	5.66	7.09	6.96		7.02	10/6/20	4.56	3.61			4.92	6.78	6.26	5.93		7.77	12/6/20	10.16	5.94			7.15	8.36	5.26		7.34	
7/6/20	4.47	4.11			6.38	6.66	6.98	6.74		6.91	10/6/20	4.27	3.63			4.82	5.86	6.34	6.01		7.74	12/6/20	9.61	7.16			7.18	8.44	5.18		7.17	
7/6/20	3.43	3.86			6.41	6.72	7.00	6.15		6.94	10/6/20	4.05	3.71			4.70	6.52	6.28	5.69		7.63	12/6/20	8.94	7.39			7.20	8.25	5.27		7.24	
7/6/20	3.72	3.86			6.18	6.55	6.91	6.14		6.90	10/6/20	4.12	3.47			4.58	6.79	6.39	5.64		7.56	12/6/20	9.47	8.04			7.13	8.27	4.43		7.52	
7/6/20	2.90	3.91			5.90	8.13	6.93	5.68		6.75	10/6/20	4.43	3.25			4.42	6.79	6.27	5.44		7.91	12/6/20	9.87	7.80			7.11	8.37	5.74		7.59	
7/6/20	3.92	3.69			5.58	8.12	6.93	6.09		6.58	10/6/20	3.99	3.38			4.48	5.86	5.93	5.05		7.85	12/6/20	10.06	7.72			7.11	8.29	5.82		7.65	
7/6/20	3.85	3.36			5.53	7.89	6.87	5.68		6.52	10/6/20	2.64	3.25			4.50	6.47	6.26	4.56		7.78	12/6/20	9.77	7.65			7.10	8.31	5.47		7.10	
7/6/20	3.27	3.12			5.07	7.49	6.80	5.11		6.37	10/6/20	2.55	3.52			4.64	5.50	6.25	4.73		7.59	12/6/20	9.45	7.41			7.16	8.35	5.73		7.48	
7/6/20	2.35	3.46			4.94	7.17	6.65	5.77		6.30	10/6/20	2.68	3.73			4.83	6.56	6.31	4.56		7.27	12/6/20	9.49	7.33			6.64	8.35	6.18		7.35	
7/6/20	3.67	3.51			4.79	7.03	6.66	5.72		6.21	10/6/20	3.09	3.25			4.73	7.00	6.53	4.28		7.36	12/6/20	9.51	6.94			6.79	8.49	5.82		7.30	
8/6/20	4.94	3.54			4.91	6.68	6.57	5.36		6.24	10/6/20	2.89	2.90			4.98	7.09	6.68	5.08		7.28	12/6/20	8.85	6.48			6.97	8.48	5.48		7.51	
8/6/20	6.14	3.52			5.08	6.46	6.44	5.37		6.24	10/6/20	3.01	3.32			5.26		6.79	4.84		7.25	12/6/20	8.12	6.05			7.14	8.48	6.32		7.41	
8/6/20	5.73	3.53			5.08	6.70	6.22	5.85		6.45	10/6/20	3.58	3.53			5.65		6.71	4.39		7.11	12/6/20	7.60	6.03			7.16	8.30	7.81		7.16	
8/6/20	5.04	3.62			5.14	7.12	6.17	5.84		6.49	10/6/20	3.65	3.41			6.25		7.05	4.71		6.92	12/6/20	7.35	4.83			7.18					

data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1	ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1	ENC2	ENC4	PC1	EC	PC2	
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	ve1 mg/l		ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	
14/6/20	2.96	3.24			4.77		5.98	4.17		6.28	16/6/20	5.27				6.99	7.13	7.21	4.28		6.23	19/6/20	5.06				5.07	5.69	5.66	6.05		6.84
14/6/20	3.59	3.45			4.85		5.90	3.70		6.23	16/6/20	5.17				6.98	6.96	7.52	4.31		6.33	19/6/20	4.86				4.71	4.71	5.60	5.78		6.91
14/6/20	4.25	3.61			4.76		5.85	3.41		5.85	16/6/20	5.81				7.04	7.00	7.83	4.36		6.45	19/6/20	4.79				4.54	4.25	5.60	5.02		7.01
14/6/20	3.28	3.64			4.55		5.94	3.75		6.02	16/6/20	6.35				6.20	6.95	7.77	5.83		6.60	19/6/20	4.40				4.29	4.00	5.51	3.87		6.96
14/6/20	4.04	3.76			4.14		6.06	3.70		6.18	16/6/20	5.74				5.68	7.60	8.17	4.83		6.63	19/6/20	3.47				4.10	4.15	5.18	3.34		6.94
14/6/20	5.76	4.22			4.02		6.32	4.46		6.32	16/6/20	6.36				5.27	7.00	7.93	5.22		6.62	19/6/20	4.16				4.18	4.04	5.01	3.18		6.47
14/6/20	5.76	4.14			4.11		6.42	5.07		6.35	16/6/20	6.41				5.35	6.27	8.27	5.34		6.60	19/6/20	2.96				4.16	3.78	5.37	3.21		5.86
14/6/20	5.16	4.02			4.72		6.07	5.51		6.64	16/6/20	4.53				5.50	6.63	6.94	4.95		6.43	19/6/20	2.95				4.36	4.24	5.56	2.94		6.31
14/6/20	3.96	3.93			5.01		6.14	5.89		5.95	16/6/20	3.18				5.45	6.59	5.84	4.93		6.28	19/6/20	3.09				4.43	4.40	4.85	2.86		6.55
14/6/20	5.91	3.62			5.73		6.52	6.39		6.61	16/6/20	4.22				5.58	6.13	5.80	4.76		6.50	19/6/20	2.01				4.50	5.13	5.34	3.39		6.48
14/6/20	7.42	3.64			5.98		6.74	7.60		6.49	16/6/20	4.48				5.77	5.87	5.97	5.00		6.94	19/6/20	2.93				4.64	5.73	5.28	3.37		6.32
14/6/20	8.57	3.07			5.06		6.73	6.34		6.30	16/6/20	4.44				5.91	6.07	6.00	5.05		6.92	19/6/20	3.09				4.80	6.08	5.28	4.56		6.35
14/6/20	9.19	3.15			5.46		7.23	5.26		6.24	16/6/20	4.60				5.31	5.95	5.81	5.99		6.74	19/6/20	3.90				4.97	6.36	5.43	4.36		6.17
14/6/20	9.44	4.21			6.63		7.21	4.95		6.43	16/6/20	4.51				5.44	6.01	5.70	6.32		6.76	19/6/20	4.55				5.13	5.90	6.10	4.40		6.12
14/6/20	8.93	3.65			6.89		6.98	3.63		6.58	17/6/20	4.33				5.85	6.38	5.64	5.80		6.91	19/6/20	4.94				5.23	6.46	6.13	4.56		6.09
14/6/20	7.94	4.62			6.91		7.01	3.73		7.02	17/6/20	3.99				5.78	6.32	5.71	6.36		6.57	19/6/20	5.80				5.41	6.40	6.13	4.44		6.06
14/6/20	7.70	4.44			6.95		7.11	4.04		7.10	17/6/20	3.76				5.62	6.43	5.48	6.11		6.75	19/6/20	5.97				5.00	6.39	6.51	4.67		6.05
14/6/20	7.86	4.91			6.93		6.91	4.12		7.14	17/6/20	3.60				5.50	6.38	5.57	6.09		6.70	19/6/20	6.72				4.84	6.12	6.72	4.87		6.16
14/6/20	7.22	4.86			6.81		6.82	3.95		7.30	17/6/20	3.56				5.43	6.06	5.78	5.32		6.37	19/6/20	6.58				4.74	6.92	6.18	4.84		6.83
14/6/20	6.96	4.72			6.75		8.36	4.62		7.24	17/6/20	3.52				5.34	5.90	6.13	5.40		6.21	19/6/20	7.92				5.50	6.43	6.15	4.62		6.72
14/6/20	6.02	4.81			6.46		8.02	7.15		7.21	17/6/20	3.41				5.20	5.63	6.20	5.13		6.39	19/6/20	7.65				5.66	6.47	6.58	4.37		6.84
14/6/20	4.77	5.21			6.06		7.44	6.49		7.07	17/6/20	3.20				5.02	5.54	5.67	4.57		5.99	19/6/20	7.54				6.01	6.95	6.60	6.45		6.72
14/6/20	4.25	5.71			5.00		7.27	6.36		7.00	17/6/20	2.67				5.06	5.46	6.23	3.87		6.05	19/6/20	8.21				5.92	6.97	7.01	6.96		6.82
14/6/20	4.94	6.22			4.82		7.10	6.20		6.90	17/6/20	2.51				4.87	5.27	6.58	3.48		5.99	19/6/20	8.93				5.89	7.12	7.52	6.77		7.01
14/6/20	4.62	6.01			5.41		6.99	5.22		6.81	17/6/20	2.74				5.20	5.62	6.24	4.42		6.29	19/6/20	9.03				5.96	6.89	7.60	7.85		7.01
14/6/20	4.58	4.80			5.21		6.91	5.60		6.63	17/6/20	3.11				4.98	5.75	6.11	4.99		6.41	19/6/20	9.53				6.31	7.29	7.63	7.24		7.00
14/6/20	5.55	3.59			5.47		7.13	4.62		6.80	17/6/20	2.80				4.66	5.72	6.01	5.06		6.22	19/6/20	10.20				6.42	7.82	7.38	6.20		7.21
14/6/20	5.99	3.77			5.58		6.26	4.08		7.02	17/6/20	2.42				4.62	5.81	5.80	5.06		6.18	19/6/20	10.80				6.88	7.45	7.10	6.44		7.44
14/6/20	7.64	3.65			5.64		5.89	3.38		6.78	17/6/20	2.54				4.72	5.87	5.70	5.06		6.24	19/6/20	10.86				6.80	7.52	7.05	6.66		7.67
14/6/20	7.31	3.33			5.53		5.91	4.02		6.85	17/6/20	2.61				5.04	6.01	5.59	5.08		6.15	19/6/20	10.89				6.94	7.16	6.95	6.06		7.66
14/6/20	6.74	2.61			5.39		5.88	4.87		6.81	17/6/20	2.70				4.96	6.06	5.65	4.72		6.24	19/6/20	9.98				6.93	6.67	6.78	6.54		6.93
14/6/20	6.39	2.20			5.56		5.82	5.52		6.95	17/6/20	2.83				5.04	6.27	5.86	4.32		6.23	19/6/20	9.46				6.96	7.01	6.60	6.96		6.82
14/6/20	6.10	2.15			5.54		5.83	5.69		6.83	17/6/20	3.07				5.62	6.23	6.14	4.66		6.18	19/6/20	8.56				6.95	7.11	6.60	6.40		6.86
15/6/20	6.63	1.87			5.44		5.71	4.98		6.99	17/6/20	3.33				5.32	6.33	6.18	4.59		6.01	19/6/20	7.55				6.99	7.09	6.80	6.55		6.94
15/6/20	5.69	1.48			5.39		5.56	6.77		7.17	17/6/20	3.19				5.06	6.24	6.21	4.90		6.34	19/6/20	7.24				6.17	7.31	7.21	6.27		6.93
15/6/20	5.55	1.95			5.14		5.54	6.36		6.90	17/6/20	2.84				5.21	6.43	5.73	5.11		6.10	19/6/20	6.74				5.40	7.18	7.07	5.03		6.85
15/6/20	6.65	1.96			5.15		5.32	6.90		6.79	17/6/20	2.76				4.97	6.06	6.00	5.01		6.23	19/6/20	6.77				4.96	6.93	6.73	5.52		6.83
15/6/20	4.80	2.18			5.09		6.02	7.39		6.95	17/6/20	2.55				5.58	6.19	6.41	4.89		6.29	19/6/20	6.68				4.79	6.32	6.54	5.44		6.55
15/6/20	3.19	3.59			5.18		5.71	7.11		6.66	17/6/20	3.08				5.45	6.51	7.07	5.46		6.34	19/6/20	6.60				4.77	5.95	6.48	5.32		6.32
15/6/20	2.29	3.96			5.24		5.79	6.19		7.18	17/6/20	2.93				5.56	6.73	7.34	5.93		6.42	19/6/20	6.26				4.73	6.46	6.43	5.67		6.52
15/6/20	2.69	3.01			5.34		6.05	6.23		6.89	17/6/20	2.73				5.57	6.83	7.14	7.15		6.48	19/6/20	5.97				4.76	6.39	6.55	4.66		6.58
15/6/20	2.76	2.82			5.31		6.25	4.93		6.80	17/6/20	3.03				5.59	6.73	7.04	8.13		6.63	19/6/20	5.82				4.80	6.25	6.62	5.47		6.52
15/6/20	1.96	2.84			4.77		6.29	4.81		6.78	17/6/20	3.32				5.52	6.53	7.24	7.67		6.43	19/6/20	5.72				4.95	6.18	6.32	5.14		6.57
15/6/20	1.09	2.84			4.38		5.90	4.14		6.68	17/6/20	3.04				5.81	6.60	7.47	7.41		6.27	20/6/20	6.07				5.19	6.38	6.17	4.88		6.52
15/6/20	1.46	2.95			4.29		5.67	3.74		6.59	17/6/20	2.54				6.73	6.55	7.41	7.62		6.93	20/6/20	6.42				5.10	5.99	6.11	5.55		6.42
15/6/20	1.36	2.65			4.14		5.56	3.73		6.42	17/6/20	2.97				5.93	6.73	7.18	7.42		6.94	20/6/20	5.74				5.20	5.84	6.16	6.07		6.38
15/6/20	3.00	2.37			4.38		5.54	4.23		6.31	17/6/20	2.94				6.39	7.31	7.53	7.85		6.96	20/6/20	4.									

data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	ve1 mg/l		ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	ve1 mg/l	ve2 mg/l		ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l			
21/6/20	7.77				5.71	6.45	6.67	4.93			5.93	23/6/20	7.13				6.83	6.52	6.77	6.63			6.64	26/6/20	3.87				4.48	4.99	5.13	3.02		5.78	
21/6/20	9.40				5.21	6.15	6.30	5.13			5.86	23/6/20	5.85				6.86	6.68	6.83	6.31			6.65	26/6/20	3.98				4.35	4.77	4.98	2.75		5.82	
21/6/20	9.73				5.19	6.21	6.60	5.26			5.67	23/6/20	4.66				6.75	6.60	6.67	6.93			6.55	26/6/20	3.74				4.42	4.60	4.73	3.79		5.90	
21/6/20	9.75				5.15	6.38	6.86	4.57			6.36	23/6/20	4.70				6.48	6.47	6.86	6.36			6.35	26/6/20	3.45				4.44	4.49	5.68	4.57		6.11	
21/6/20	9.66				5.47	6.34	6.85	4.69			6.50	23/6/20	5.23				6.27	6.50	6.93	6.15			6.24	26/6/20	4.33				4.49	4.41	5.93	5.12		6.39	
21/6/20	10.21				5.66	6.59	6.90	4.16			6.63	24/6/20	4.60				5.92	6.20	5.28	5.96			6.14	26/6/20	7.42				4.86	5.06	6.31	5.19		6.62	
21/6/20	10.84				5.82	6.71	6.93	5.35			6.67	24/6/20	4.46				5.18	6.11	5.53	6.01			5.93	26/6/20	7.69				5.60	5.30	6.57	5.14		6.58	
21/6/20	8.31				5.97	6.54	7.03	5.75			6.80	24/6/20	4.97				5.12	6.21	6.31	5.62			5.83	26/6/20	8.12				6.15	6.14	6.97	5.87		6.29	
21/6/20	8.90				6.11	6.42	6.91	6.07			7.04	24/6/20	6.16				5.62	5.94	6.26	4.24			5.53	26/6/20	8.68				5.48	5.76	7.46	6.11		6.33	
21/6/20	11.59				6.34	5.93	7.15	6.93			7.15	24/6/20	5.78				5.72	6.19	6.22	4.54			5.80	26/6/20	9.59				6.08	5.58	7.66	6.31		5.96	
21/6/20	11.54				6.45	5.93	7.15	7.81			7.34	24/6/20	5.01				5.72	6.21	5.90	4.07			5.96	26/6/20	10.80				6.84	5.91	7.57	5.55		5.84	
21/6/20	10.15				6.92	5.80	6.59	8.19			7.10	24/6/20	4.86				5.71	6.49	5.92	4.31			5.92	26/6/20	11.63				6.03	5.95	7.43	5.33		5.91	
21/6/20	8.73				6.94	6.12	6.53	8.14			7.18	24/6/20	5.32				5.67	5.91	5.72	4.91			5.99	26/6/20	10.56				6.36	6.28	7.30	5.17		5.92	
21/6/20	9.37				6.96	6.01	7.22	7.02			7.19	24/6/20	5.01				5.67	5.76	5.77	4.51			5.85	26/6/20	9.00				6.32	6.51	7.17	5.27		5.93	
21/6/20	10.68				6.96	6.12	6.83	6.11			7.20	24/6/20	3.71				5.51	5.67	5.31	4.45			5.87	26/6/20	7.55				6.19	6.62	7.20	4.89		6.05	
21/6/20	7.73				6.97	5.89	7.26	6.33			7.27	24/6/20	3.22				5.23	5.65	5.21	3.94			5.65	26/6/20	9.73				5.98	6.74	7.27	4.97		6.20	
21/6/20	9.34				6.97	6.29	7.01	6.61			6.93	24/6/20	2.77				5.01	5.37	5.05	3.49			6.01	26/6/20	8.62				6.06	6.84	7.13	5.02		6.20	
21/6/20	7.35				6.98	6.58	6.91	5.86			6.91	24/6/20	1.75				4.91	5.27	4.90	3.69			6.23	26/6/20	5.20				6.35	6.97	6.70	5.03		6.26	
21/6/20	7.09				6.99	6.31	6.96	5.75			6.87	24/6/20	2.89				4.88	5.11	4.96	3.88			6.08	26/6/20	4.60				6.13	6.62	6.67	5.65		6.31	
21/6/20	8.23				7.00	6.40	6.94	5.76			6.78	24/6/20	2.32				4.84	4.85	4.62	3.77			5.96	26/6/20	3.47				6.26	6.05	6.24	6.20		6.60	
21/6/20	7.85				6.24	5.80	6.60	5.54			6.52	24/6/20	2.50				4.70	4.61	5.40	3.84			5.97	26/6/20	4.86				5.88	5.90	6.61	6.37		6.10	
21/6/20	7.14				5.30	5.45	5.03	5.77			6.36	24/6/20	2.68				4.96	4.91	5.67	3.40			6.46	26/6/20	10.01				5.83	6.54	6.14	4.76		6.50	
21/6/20	6.60				5.29	5.52	6.51	5.54			6.23	24/6/20	3.98				5.63	4.93	5.94	3.55			6.12	26/6/20	10.71				5.83	6.14	6.57	5.26		6.60	
21/6/20	6.73				5.36	5.55	6.51	5.69			6.48	24/6/20	5.73				5.58	5.65	6.07	3.88			6.24	26/6/20	11.01				5.84	6.90	6.34	5.82		6.67	
21/6/20	7.16				5.66	5.63	6.55	5.48			6.60	24/6/20	5.83				5.87	5.52	6.14	5.04			6.25	26/6/20	12.10				5.86	7.04	6.82	5.02		6.58	
21/6/20	7.57				5.56	5.81	6.56	5.04			6.46	24/6/20	5.72				5.95	5.59	6.64	5.69			5.92	26/6/20	10.69				5.91	6.84	6.51	6.05		6.76	
21/6/20	7.74				5.87	6.53	6.38	5.00			6.35	24/6/20	5.75				6.16	5.98	7.13	5.17			5.84	26/6/20	4.50				6.15	6.33	6.82	7.19		6.66	
21/6/20	7.55				5.95	6.34	6.40	4.35			6.38	24/6/20	7.13				6.55	6.11	6.49	5.26			5.81	26/6/20	4.32				6.15	6.06	6.26	5.50		6.42	
21/6/20	6.28				5.92	5.91	6.25	4.77			6.25	24/6/20	7.53				6.31	6.21	6.50	5.00			5.83	26/6/20	8.09				5.66	5.59	5.80	7.85		6.26	
21/6/20	5.64				5.73	5.84	6.17	5.37			6.30	24/6/20	5.47				6.07	6.30	6.28	4.63			5.89	26/6/20	8.87				6.17	5.62	4.99	6.51		6.16	
21/6/20	5.71				5.52	6.03	6.18	5.54			6.23	24/6/20	8.00				6.26	6.46	6.55	4.59			6.02	26/6/20	5.90				5.94	5.38	3.82	5.04		6.17	
21/6/20	5.62				5.33	6.28	6.12	5.65			6.52	24/6/20	8.48				6.36	6.57	6.69	4.79			5.88	26/6/20	5.33				6.69	5.19	4.03	4.61		6.05	
21/6/20	5.33				5.18	6.26	6.03	5.01			6.51	24/6/20	8.90				6.20	6.43	6.71	4.94			5.87	26/6/20	4.77				6.87	5.34	5.63	5.89		6.28	
21/6/20	4.84				5.04	6.00	5.96	4.69			6.56	24/6/20	9.54				5.53	6.39	7.29	5.03			5.77	26/6/20	4.75				6.85	5.38	5.86	5.39		6.40	
21/6/20	4.43				4.83	6.07	5.84	4.15			6.51	24/6/20	9.23				5.38	6.19	7.01	4.89			5.70	27/6/20	4.49				6.86	5.27	6.15	5.25		6.30	
21/6/20	2.43				4.68	6.10	5.15	4.31			6.04	24/6/20	10.08				5.40	7.60	7.31	4.31			6.38	27/6/20	3.36				6.86	5.23	6.16	5.46		6.06	
21/6/20	2.88				4.57	5.93	4.86	4.52			6.33	24/6/20	11.46				5.71	6.50	7.69	4.06			6.54	27/6/20	2.52				6.65	5.33	5.86	5.51		6.20	
21/6/20	2.96				4.60	5.84	5.69	4.16			6.20	24/6/20	12.44				5.84	6.74	7.43	4.65			6.66	27/6/20	1.63				6.00	5.07	5.03	5.35		5.93	
21/6/20	5.51				4.92	6.39	5.92	4.36			6.04	24/6/20	12.90				5.99	6.51	7.29	5.32			6.88	27/6/20	3.24				5.38	4.94	5.54	5.36		5.84	
21/6/20	5.38				5.44	6.29	5.99	4.31			6.31	24/6/20	11.93				6.13	6.14	7.22	6.60			6.74	27/6/20	4.49				5.46	4.72	5.66	5.30		5.84	
21/6/20	5.00				5.60	6.18	6.18	4.43			6.21	24/6/20	10.35				6.17	5.94	6.91	7.88			6.71	27/6/20	3.91				5.65	5.16	5.17	5.01		5.43	
21/6/20	5.41				5.58	6.12	6.23	4.45			6.12	24/6/20	8.39				6.47	5.58	5.46	8.12			6.88	27/6/20	4.21				5.58	4.98	5.27	5.08		5.57	
21/6/20	6.21				5.61	6.43	6.23	4.69			6.11	24/6/20	7.20				6.23	5.44	5.65	8.76			7.14	27/6/20	4.53				5.59	4.90	5.46	3.75		5.68	
21/6/20	7.02				5.79	6.57	6.29	4.55			6.07	24/6/20	7.54				6.80	5.55	6.73	8.41			6.85	27/6/20	5.36				5.53	5.08	5.57	5.05		5.74	
21/6/20	6.99				5.59	6.62	6.33	4.43			6.02	24/6/20	9.40				6.77	5.27	7.56	8.13			6.82	27/6/20	5.57				5.47	4.76	5.51	5.80		5.74</	

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	
28/6/20	8.13				6.31	6.25	6.38	5.31		6.65	1/7/20	2.42				5.62	5.23	5.79	5.52		6.82	3/7/20	4.59					4.97	6.26	6.14	4.79		5.00
28/6/20	6.38				6.04	6.02	6.26	7.41		6.66	1/7/20					5.58	5.44	6.29	4.88		6.70	3/7/20	5.21				4.50	5.99	5.72	4.80		5.51	
28/6/20	6.54				6.18	5.66	5.41	8.26		6.65	1/7/20					5.30	5.25	5.89	4.87		6.35	3/7/20	4.76				4.43	6.24	5.91	5.13		5.81	
28/6/20	6.91				5.67	6.79	4.99	7.75		6.40	1/7/20	3.14				5.60	4.85	5.43	5.65		5.63	3/7/20	5.25				4.52	5.76	6.51	4.50		6.74	
28/6/20	6.59				5.62	6.35	6.22	7.39		6.29	1/7/20	2.82				5.25	4.84	5.87	4.80		6.08	3/7/20	6.58				4.53	6.00	6.62	6.08		6.60	
28/6/20	6.55				5.77	6.34	6.50	7.64		6.45	1/7/20	2.10				5.25	5.12	7.88	4.03		6.16	3/7/20	6.47				4.49	5.87	6.56	6.17		6.31	
28/6/20	6.72				6.06	6.32	6.77	6.23		6.39	1/7/20	1.82				5.69	5.14	5.30	3.69		6.14	3/7/20	6.45				4.46	5.59	6.98	6.32		6.07	
28/6/20	5.86				5.95	6.17	6.88	6.61		6.42	1/7/20					5.47	4.93	5.17	4.35		5.95	3/7/20	6.02				4.48	5.49	6.82	6.24		6.14	
28/6/20	8.15				6.21	5.91	6.99	6.46		5.95	1/7/20					4.80	4.74	5.03	4.81		5.70	3/7/20	5.65				4.09	5.21	6.61	6.33		6.00	
28/6/20	3.98				6.25	5.66	6.65	6.42		6.10	1/7/20	1.50				4.56	5.34	5.44	5.33		5.46	3/7/20	5.69				4.25	6.44	6.87	6.24		5.76	
28/6/20	6.18				6.46	5.71	6.44	6.07		5.74	1/7/20					4.52	5.33	5.43	5.95		5.38	3/7/20	5.88				4.70	7.00	6.75	6.41		6.05	
28/6/20	3.80				6.39	6.05	6.79	7.01		5.64	1/7/20	1.66				4.40	5.38	5.29	5.75		5.35	3/7/20	6.16				4.96	7.35	6.75	7.15		5.80	
28/6/20	3.48				6.34	6.05	6.44	6.91		5.81	1/7/20					4.50	5.63	5.30	5.36		5.29	3/7/20	6.45				5.60	8.47	6.51	6.67		5.64	
28/6/20	3.05				6.32	5.98	5.40	6.47		5.51	1/7/20	2.56				4.35	5.61	5.36	4.97		5.19	3/7/20	5.90				5.53	7.29	6.58	6.74		5.78	
28/6/20	2.48				6.18	5.81	4.81	5.74		5.91	1/7/20	3.04				3.86	5.36	5.70	5.00		5.10	3/7/20	5.61				5.24	7.18	6.36	7.05		5.89	
29/6/20	1.70				5.56	5.63	4.02	4.75		5.18	1/7/20	3.58				4.63	5.46	5.94	5.10		4.91	3/7/20	5.23				4.90	6.86	6.17	6.63		6.07	
29/6/20	0.77				5.30	5.79	4.20	4.37		5.65	1/7/20	5.04				4.75	5.49	4.93	5.11		5.08	3/7/20	6.22				4.51	6.55	6.24	5.93		6.00	
29/6/20	2.50				5.82	5.73	2.74	3.13		5.82	1/7/20	5.44				5.86	5.39	4.12	4.96		5.86	3/7/20	4.84				4.27	6.21	6.30	5.88		5.84	
29/6/20	2.33				5.92	5.06	4.13	4.37		5.64	1/7/20	5.09				4.88	5.87	5.69	5.13		6.04	3/7/20	5.45				4.12	6.27	6.18	6.05		5.75	
29/6/20	2.45				6.03	5.01	5.63	3.83		5.80	1/7/20	4.89				4.87	5.74	5.33	5.19		6.58	3/7/20	5.38				3.80	6.10	6.06	5.87		5.68	
29/6/20	1.45				5.99	4.98	5.54	3.84		5.92	1/7/20	8.20				5.02	5.77	5.71	4.98		6.42	3/7/20	5.17				4.00	6.03	6.08	5.73		5.46	
29/6/20	4.20				5.92	4.72	6.11	4.00		5.68	1/7/20	8.81				5.32	5.82	5.76	6.23		6.53	3/7/20	4.52				4.24	5.55	6.16	5.89		5.05	
29/6/20	2.38				5.72	4.63	5.66	4.29		5.41	1/7/20	9.03				5.99	5.63	5.43	7.39		6.89	3/7/20	3.82				4.24	6.13	5.96	5.64		5.20	
29/6/20	2.36				5.43	4.62	5.57	3.91		5.24	1/7/20	6.77				5.75	5.89	4.63	7.75		7.35	3/7/20	3.97				4.24	5.45	6.01	5.12		5.42	
29/6/20	2.33				5.03	4.40	5.39	4.30		5.15	1/7/20	5.92				6.31	5.72	4.09	8.12		7.53	3/7/20	3.73				4.21	5.12	5.16	4.90		5.54	
29/6/20	1.22				4.59	4.74	5.04	4.57		5.04	1/7/20	10.32				6.63	6.02	5.56	7.92		7.27	4/7/20	3.70				4.33	5.20	5.48	5.36		5.59	
29/6/20	0.37				4.61	4.10	5.07	4.63		5.05	1/7/20	8.10				6.52	5.77	6.09	7.69		7.59	4/7/20	2.98				4.35	5.33	5.41	5.39		5.52	
29/6/20	0.63				4.77	3.82	4.92	4.52		4.96	1/7/20	8.31				6.62	6.54	7.11	8.99		7.35	4/7/20	2.19				4.32	4.98	5.37	5.49		5.54	
29/6/20	1.43				4.65	4.20	4.05	4.73		4.79	1/7/20	7.93				6.63	5.78	7.16	9.08		7.58	4/7/20	2.76				4.12	4.84	5.58	5.74		5.61	
29/6/20	1.32				4.98	4.82	4.12	4.55		4.57	1/7/20	7.72				6.63	6.16	7.88	8.18		6.99	4/7/20	2.83				4.00	4.87	5.60	5.52		5.69	
29/6/20	2.23				5.00	4.87	4.97	4.59		4.42	1/7/20	6.72				6.63	6.50	8.06	7.23		6.44	4/7/20	2.51				3.91	5.07	5.22	5.14		5.53	
29/6/20	3.17				4.98	4.90	4.21	4.48		4.55	1/7/20	6.80				6.64	6.53	7.28	6.19		6.47	4/7/20	2.53				3.71	4.93	5.01	5.24		5.61	
29/6/20	3.60				4.83	4.91	3.90	4.89		5.02	1/7/20	7.22				6.68	6.55	6.99	6.00		6.24	4/7/20	1.94				3.53	4.62	4.82	4.92		5.43	
29/6/20	3.87				4.80	4.82	3.51	4.70		4.87	1/7/20	6.69				6.71	6.51	6.91	6.13		6.05	4/7/20	1.90				3.52	4.46	4.60	5.13		5.38	
29/6/20	2.22				4.78	4.95	3.35	4.12		5.31	1/7/20	4.18				6.46	6.37	6.85	6.12		5.96	4/7/20					3.45	4.09	4.47	4.64		5.14	
29/6/20	1.85				4.72	5.04	3.38	4.55		5.41	1/7/20	4.87				6.06	6.16	6.50	7.48		5.94	4/7/20					3.37	3.61	4.92	4.16		5.11	
29/6/20	0.75				5.48	4.66	3.95	3.51		5.86	1/7/20	2.15				5.62	6.04	6.74	7.44		5.92	4/7/20					3.02	3.25	4.88	4.10		4.79	
29/6/20	1.34				5.83	5.15	5.30	3.90		6.08	1/7/20					5.43	5.40	4.50	7.21		5.72	4/7/20	1.73				3.26	3.35	4.95	4.48		4.53	
29/6/20	6.11				6.01	5.04	5.30	4.03		5.92	1/7/20	6.02				5.09	6.37	3.01	7.15		5.16	4/7/20					3.35	3.60	4.90	4.54		4.71	
29/6/20	6.89				5.70	5.41	3.84	4.05		5.88	1/7/20	5.68				5.37	5.85	6.34	6.43		5.68	4/7/20					3.37	4.75	5.38	4.43		4.95	
29/6/20	6.53				5.83	5.41	4.57	3.05		5.65	1/7/20	6.93				5.21	5.77	6.88	4.27		5.68	4/7/20	2.31				3.29	4.61	5.53	4.36		5.02	
29/6/20	7.79				6.10	5.69	5.82	5.17		5.47	1/7/20	6.74				5.29	5.72	6.91	4.31		5.69	4/7/20	1.95				3.34	4.91	5.40	4.89		4.80	
29/6/20	4.62				6.41	5.84	6.18	6.57		5.11	1/7/20	5.79				5.23	5.86	6.40	5.79		5.62	4/7/20	1.66				3.48	5.14	5.44	5.46		4.93	
29/6/20	8.84				6.52	6.00	6.35	4.68		5.92	1/7/20	4.85				5.33	5.42	6.33	5.63		5.58	4/7/20	3.82				3.66	5.30	5.43	4.23		5.08	
29/6/20	8.13				6.52	6.17	6.05	4.47		6.29	2/7/20	4.39				5.26	5.38	6.41	6.09		5.39	4/7/20	2.98				3.81	5.42	5.60	4.25		5.28	
29/6/20	3.93				6.53	6.52	5.86	4.23		6.25	2/7/20	3.79				5.15	5.29	6.25	5.87		5.31	4/7/20	4.74				3.91	5.50	5.62	4.31		5.16	
29/6/20	4.87				6.54	6.75	5.47	6.32		6.54	2/7/20	3.32				5.02	5.18	6.28	5.15		5.51	4/7/20	4.94				4.05	5.63	5.74	4.55		5.22	
29/6/20	6.81				6.52	7.05	7.26	5																									

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	
5/7/20	4.51				6.67	6.53	7.91	7.41		7.05	8/7/20	2.24				3.99	4.64	5.81	5.84		5.64	10/7/20	8.80					6.61	6.40	6.54	5.74		6.06
5/7/20	4.07				6.67	6.38	6.83	7.18		6.61	8/7/20	1.84				4.16	4.53	5.38	5.58		5.30	10/7/20	9.33					5.50	5.98	6.74	5.52		5.88
5/7/20	4.37				6.08	6.20	5.41	6.78		6.40	8/7/20	3.46				3.98	4.40	6.10	5.72		5.62	10/7/20	9.43					4.30	7.63	6.91	6.37		5.75
5/7/20	2.10				6.68	5.96	6.42	6.76		6.34	8/7/20	4.88				4.56	4.79	6.44	5.49		6.11	10/7/20	7.57					4.28	6.13	6.99	7.88		6.28
5/7/20	2.44				5.01	5.71	7.34	7.38		6.20	8/7/20	5.01				4.95	5.67	6.69	5.59		5.82	10/7/20	6.45					5.36	5.73	7.00	7.02		6.59
5/7/20	5.63				4.97	5.61	7.30	7.40		6.00	8/7/20	5.85				5.14	5.53	6.73	7.56		6.02	10/7/20	8.87					5.26	5.59	6.82	6.44		6.42
6/7/20	5.32				4.90	5.99	6.85	6.66		6.62	8/7/20	6.33				4.78	5.35	6.92	7.04		5.76	10/7/20	8.03					5.33	5.65	6.36	6.40		6.20
6/7/20	5.29				5.11	5.19	6.88	5.46		6.37	8/7/20	7.04				4.76	5.50	6.94	6.24		5.44	10/7/20	5.43					5.26	5.33	6.08	5.84		5.97
6/7/20	4.43				5.34	5.61	6.48	4.50		6.26	8/7/20	8.04				5.23	5.56	6.93	6.10		5.39	10/7/20	2.04					5.57	5.46	5.78	5.11		5.75
6/7/20	3.57				5.43	6.13	6.17	5.65		6.04	8/7/20	8.35				5.44	5.67	6.93	5.83		5.38	10/7/20	3.30					4.59	5.20	5.53	5.73		5.61
6/7/20	3.31				5.53	5.99	6.27	5.44		5.89	8/7/20	8.74				5.71	5.73	6.87	5.59		5.36	10/7/20	3.17					4.87	5.47	5.62	5.10		5.29
6/7/20	2.69				5.74	5.71	6.38	5.45		5.43	8/7/20	8.84				5.31	5.86	6.88	5.24		5.43	10/7/20	3.39					5.73	5.03	5.52	6.02		5.48
6/7/20	2.15				5.77	5.60	6.71	6.76		6.23	8/7/20	8.42				5.26	6.09	6.86	5.20		5.27	10/7/20	4.07					5.92	4.82	5.71	4.40		5.50
6/7/20	2.01				5.75	5.38	6.65	6.72		6.76	8/7/20	8.70				5.11	5.76	6.90	5.29		5.57	10/7/20	4.44					5.79	5.09	5.63	4.52		5.57
6/7/20	1.34				5.96	4.92	6.40	5.83		7.12	8/7/20	5.11				5.98	5.55	7.71	5.51		5.58	10/7/20	2.73					5.58	4.86	5.73	3.88		5.61
6/7/20					6.05	4.68	6.27	5.81		7.17	8/7/20	8.75				4.69	5.18	7.49	6.96		5.44	10/7/20	3.02					5.55	4.51	5.81	5.67		5.69
6/7/20					5.73	4.58	6.19	5.19		6.82	8/7/20	4.80				4.50	5.91	7.29	7.50		5.23	11/7/20	2.07					5.83	4.52	4.96	5.04		5.57
6/7/20					5.58	4.35	5.86	5.23		6.15	8/7/20	9.03				4.42	6.23	7.52	8.47		6.07	11/7/20	1.70					5.42	3.83	5.56	5.16		5.57
6/7/20					5.23	4.11	5.03	5.17		5.87	8/7/20	9.84				4.97	6.00	8.01	7.25		6.06	11/7/20	4.56					4.89	3.79	5.21	5.00		5.71
6/7/20					5.00	4.04	6.19	4.85		6.52	8/7/20	10.24				4.97	5.68	7.81	7.47		6.50	11/7/20	4.92					4.02	3.33	5.27	4.60		5.39
6/7/20					5.31	4.42	6.36	5.40		6.07	8/7/20	8.88				5.60	5.64	7.61	8.07		6.54	11/7/20	4.03					4.02	3.45	5.00	4.49		5.16
6/7/20					5.73	4.78	6.65	5.24		6.68	8/7/20	6.91				6.17	5.80	7.76	8.22		6.80	11/7/20	3.33					4.56	3.77	5.28	3.60		4.84
6/7/20					5.94	4.90	6.73	4.94		6.71	8/7/20	11.80				6.15	5.68	7.73	10.16		6.90	11/7/20	3.83					4.70	4.12	5.13	3.60		4.83
6/7/20	2.20				5.74	5.15	6.69	4.90		6.48	8/7/20	11.99				6.43	5.61	7.44	10.83		6.88	11/7/20	3.77					4.78	4.22	5.11	2.88		5.09
6/7/20					5.64	5.98	6.44	5.37		6.22	8/7/20	10.42				6.36	5.83	7.30	10.84		6.85	11/7/20	3.26					4.79	4.46	5.17	4.09		5.23
6/7/20	2.48				6.04	6.07	6.41	5.30		5.86	8/7/20	10.00				6.04	5.79	7.11	9.95		6.48	11/7/20	3.82					4.68	4.48	5.02	4.39		5.23
6/7/20	3.22				5.73	6.21	6.64	5.20		5.96	8/7/20	10.42				6.20	5.24	7.40	8.86		6.21	11/7/20	1.24					4.53	4.14	4.94	3.38		5.24
6/7/20	3.23				5.58	6.32	6.69	5.25		5.96	8/7/20	9.66				6.75	5.37	7.34	7.75		6.37	11/7/20	1.67					4.40	4.11	4.53	5.48		5.12
6/7/20	3.47				5.42	6.28	6.14	5.24		5.92	8/7/20	7.30				6.75	5.54	7.47	7.92		6.81	11/7/20	1.09					4.37	4.26	4.97	4.86		4.87
6/7/20	3.73				5.66	6.23	6.56	4.99		5.74	8/7/20	10.08				6.77	4.99	7.13	9.00		6.91	11/7/20	2.12					4.35	4.28	5.03	4.61		5.45
6/7/20	3.29				5.84	6.29	6.84	4.92		5.64	8/7/20	9.41				6.40	5.33	6.83	8.43		6.67	11/7/20	0.58					4.36	4.29	4.86	4.37		5.63
6/7/20	4.36				5.81	6.30	5.83	5.52		5.91	8/7/20	8.85				6.09	5.65	6.73	8.34		6.49	11/7/20	1.36					4.42	4.22	4.66	4.19		5.66
6/7/20	2.86				5.16	6.05	6.48	7.47		5.94	8/7/20	7.59				5.89	5.92	6.64	7.12		6.55	11/7/20	1.74					4.45	4.24	4.76	3.93		5.39
6/7/20	5.57				4.77	5.87	6.82	7.67		5.72	8/7/20	6.42				6.19	5.91	6.33	6.82		6.43	11/7/20	1.51					4.08	4.22	4.83	4.48		5.64
6/7/20	7.77				4.73	7.11	6.33	7.50		5.45	8/7/20	6.02				6.05	5.66	6.02	7.01		6.20	11/7/20	2.38					4.68	4.34	4.93	4.26		5.52
6/7/20	7.32				5.26	6.29	6.40	6.17		6.39	9/7/20	3.52				5.41	5.26	6.15	6.26		6.26	11/7/20	4.10					5.12	4.88	5.41	3.62		5.57
6/7/20	7.23				5.41	6.34	6.99	7.10		6.65	9/7/20	3.56				5.21	4.79	6.26	6.59		5.91	11/7/20	5.56					5.38	5.55	5.52	5.85		5.37
6/7/20	7.71				5.71	6.12	6.94	7.16		6.62	9/7/20	1.85				4.38	5.19	6.37	6.58		5.83	11/7/20	5.25					4.70	5.06	5.10	5.64		5.65
6/7/20	6.91				6.29	5.60	6.58	7.31		6.66	9/7/20	6.73				4.52	4.98	6.45	6.37		5.35	11/7/20	7.05					4.84	4.92	5.70	5.63		5.40
6/7/20	6.24				6.64	5.58	6.45	8.02		6.83	9/7/20	6.61				4.81	5.06	6.51	5.93		5.42	11/7/20	7.86					5.15	5.27	6.71	5.45		5.10
6/7/20	5.31				6.61	5.55	6.37	8.19		7.01	9/7/20	6.19				4.79	4.84	6.45	5.91		5.59	11/7/20	8.36					5.76	5.33	6.94	5.60		5.40
6/7/20	4.35				6.61	5.87	6.71	8.78		7.30	9/7/20	5.60				5.00	5.01	6.29	6.22		5.83	11/7/20	8.63					6.58	5.30	7.28	5.00		5.20
6/7/20	7.54				6.04	5.78	6.40	8.55		7.39	9/7/20	4.92				5.07	5.49	6.37	6.05		5.68	11/7/20	9.63					6.56	5.47	7.10	4.77		5.19
6/7/20	7.77				6.61	5.47	6.24	8.35		6.86	9/7/20	4.67				5.02	5.17	6.32	5.22		5.68	11/7/20	6.51					6.56	5.52	7.30	4.36		4.94
6/7/20	8.37				6.53	5.55	6.23	8.53		6.89	9/7/20	3.81				5.06	5.03	6.07	6.36		5.60	11/7/20	10.86					6.56	5.79	7.57	4.58		5.19
6/7/20	3.66				6.54	5.65	6.07	7.69		6.96	9/7/20	2.81				5.06	5.03	5.91	6.70		5.98	11/7/20	12.27					6.57	5.88	8.10	4.59		5.36
6/7/20	8.43				6.58	5.34	6.81	7.92		7.23	9/7/20	1.76																					

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l
13/7/20	3.58				3.82	4.65	5.71	5.06		4.96	15/7/20	8.10				6.09	6.25	7.47	6.14	7.49	6.18	17/7/20	8.31				6.81	7.47	8.27	6.32	6.40	5.97
13/7/20	3.56				3.33	4.73	5.63	5.25		5.08	15/7/20	7.84				6.17	6.53	7.68	6.19	9.63	7.04	17/7/20	7.56				5.44	6.75	8.27	6.47	6.36	6.03
13/7/20	3.28				3.58	4.88	5.71	4.97		5.22	15/7/20	8.18				6.52	6.64	7.58	6.31	11.13	7.88	17/7/20	8.38				5.43	7.87	8.14	6.15	6.20	4.70
13/7/20	3.83				3.39	4.81	5.60	4.80		5.59	15/7/20	8.79				6.01	6.46	6.99	5.61	11.76	7.76	17/7/20	8.84				5.27	7.45	7.93	4.54	5.97	4.95
13/7/20	3.86				3.41	4.79	5.08	4.81		5.46	15/7/20	9.83				6.34	6.75	7.49	5.54	11.92	8.54	17/7/20	8.73				5.46	6.59	7.32	5.10	5.98	5.40
13/7/20	3.53				3.64	4.50	5.21	4.81		5.18	15/7/20	9.05				6.76	6.45	7.84	6.59	11.82	8.89	17/7/20	8.29				5.45	8.87	6.39	5.11	5.61	5.93
13/7/20	3.30				3.78	4.22	5.23	4.90		4.99	15/7/20	10.06				6.82	6.39	7.99	8.88	12.49	8.64	17/7/20	8.16				5.57	6.06	6.36	6.56	6.44	5.97
13/7/20	3.31				3.60	4.54	5.24	4.57		4.91	15/7/20	10.50				6.76	5.98	8.61	6.73	11.46	8.73	18/7/20	5.59				5.55	6.17	6.62	6.14	3.85	5.80
13/7/20	3.45				4.08	4.75	5.30	4.59		5.13	15/7/20	12.72				6.61	6.32	8.63	7.19	10.78	8.12	18/7/20	5.56				3.98	6.09	6.29	6.19	4.06	5.64
13/7/20	3.42				5.68	4.63	5.28	4.73		4.96	15/7/20	13.86				6.80	6.67	8.05	5.70	8.77	8.50	18/7/20	5.32				3.59	5.83	5.67	6.55	4.53	5.10
13/7/20	3.49				7.05	4.42	5.39	4.87		5.29	15/7/20	12.60				6.79	6.57	8.40	5.38	8.48	7.97	18/7/20	5.02				4.75	5.52	4.77	6.20	5.98	5.69
13/7/20	3.31				7.03	4.44	5.59	5.11		5.65	15/7/20	11.39				6.78	6.62	8.22	5.76	7.70	8.38	18/7/20	3.36				4.49	5.16	4.51	6.01	6.68	5.86
13/7/20	2.48				7.02	5.17	5.86	5.24		5.70	15/7/20	11.37				6.78	6.88	8.11	6.37	7.21	8.02	18/7/20	2.87				4.06	4.99	4.51	5.56	6.61	5.88
13/7/20	4.72				7.04	5.42	5.97	5.29		5.71	15/7/20	11.16				6.79	6.27	7.94	6.47	7.06	7.45	18/7/20	2.46				3.67	4.91	4.12	4.77	6.07	5.35
13/7/20	5.50				7.08	5.04	6.17	5.16		5.82	15/7/20	10.53				6.80	5.61	8.70	6.23	6.78	7.28	18/7/20	1.44				3.67	4.78	4.43	5.26	5.68	5.38
13/7/20	4.53				7.13	5.83	6.51	4.95		5.94	15/7/20	9.85				6.81	5.46	7.71	5.91	6.60	6.96	18/7/20					4.79	5.07	5.03	5.17	5.25	
13/7/20	5.75				7.13	6.20	6.81	5.25		6.01	15/7/20	9.33				6.83	5.37	7.47	5.89	6.40	6.84	18/7/20					4.60	5.09	4.73	4.59	5.37	
13/7/20	5.83				7.11	6.61	6.97	5.13		6.17	15/7/20	8.74				6.58	6.89	7.27	5.86	6.34	6.61	18/7/20					4.33	5.03	4.37	4.16	4.83	
13/7/20	6.24				7.08	6.82	6.87	5.32		6.77	15/7/20	8.08				5.61	6.41	7.59	5.94	6.03	6.29	18/7/20	1.89				4.61	4.97	5.15	3.64	4.92	
13/7/20	6.62				7.10	6.97	6.80	5.12		6.79	15/7/20	8.05				6.00	6.19	7.14	6.40	6.00	6.67	18/7/20	1.72				4.71	4.99	4.08	4.10	5.55	
13/7/20	7.45				7.08	7.38	6.69	5.18		7.18	15/7/20	6.77				6.08	6.37	6.70	6.29	5.92	6.67	18/7/20	1.55				4.66	4.41	4.20	4.47	5.89	
13/7/20	8.54				7.06	6.40	6.66	5.06		7.14	15/7/20	6.60				6.00	6.80	6.40	6.00	5.95	6.63	18/7/20	2.08				4.14	4.79	4.86	4.87	5.10	5.81
13/7/20	8.67				7.04	6.39	6.75	5.04	5.65	6.77	15/7/20	5.89				6.12	6.94	6.15	5.82	5.22	6.89	18/7/20	2.22				4.45	5.44	4.79	4.92	5.38	5.63
13/7/20	10.28				7.01	6.38	6.71	4.86	5.63	6.44	15/7/20	4.23				6.09	6.92	5.94	4.75	4.89	6.92	18/7/20	2.30				4.83	5.82	5.41	5.16	5.48	5.71
13/7/20	11.05				6.98	6.45	6.73	4.64	5.46	6.10	15/7/20	4.30				5.98	6.47	6.09	6.05	5.11	6.95	18/7/20	2.84				4.48	5.58	5.59	5.05	5.71	5.77
13/7/20	9.88				6.95	6.68	6.17	4.40	5.43	5.88	15/7/20	4.94				6.09	6.18	5.94	5.89	5.01	7.19	18/7/20	2.45				4.50	5.75	5.75	4.97	5.71	5.90
13/7/20	10.41				6.93	7.02	6.77	4.98	5.49	5.90	16/7/20	5.44				6.02	6.21	5.51	6.08	5.76	6.82	18/7/20	3.48				4.85	5.91	6.01	4.95	5.45	5.82
13/7/20	10.70				6.91	7.27	6.72	5.13	5.64	5.94	16/7/20	4.14				6.04	6.48	5.42	5.76	5.99	6.19	18/7/20	3.25				4.25	5.82	5.83	5.12	5.40	5.68
13/7/20	10.93				6.90	7.59	6.78	5.88	5.76	6.01	16/7/20	3.68				5.89	6.79	5.11	5.33	6.91	6.06	18/7/20	3.87				5.22	5.84	5.93	5.10	5.30	5.31
13/7/20	11.28				6.89	7.16	6.98	5.78	5.98	16/7/20	3.34				5.62	7.05	5.16	4.86	6.94	6.25	18/7/20	5.89				4.90	5.99	6.23	4.81	5.20	5.06	
13/7/20	11.61				6.90	7.52	7.45	6.65	5.81	6.01	16/7/20	3.52				5.50	6.91	5.17	3.35	6.76	6.28	18/7/20	6.62				4.84	6.38	5.84	6.68	5.22	5.32
13/7/20	11.63				6.93	7.41	7.53	4.70	5.95	5.71	16/7/20	3.03				5.21	6.78	4.99	4.35	6.31	6.56	18/7/20	6.23				4.94	5.93	6.02	4.94	5.20	6.69
13/7/20	11.45				6.93	8.47	7.87	5.23	6.44	5.64	16/7/20	1.50				5.16	6.56	5.13	3.50	5.45	6.13	18/7/20	6.35				5.00	5.90	6.52	4.90	6.50	6.29
13/7/20	11.46				6.94	8.58	7.47	6.12	6.84	5.62	16/7/20	2.11				4.94	6.46	5.21	3.93	4.78	6.29	18/7/20	8.77				5.48	6.10	6.86	6.16	7.89	7.02
13/7/20	11.12				6.94	7.89	7.61	5.90	6.66	6.03	16/7/20	3.45				4.74	6.46	5.53	3.97	4.16	6.16	18/7/20	9.95				5.99	5.98	6.47	7.28	9.22	7.39
13/7/20	11.06				6.94	7.08	8.16	6.30	6.55	6.25	16/7/20	3.26				5.03	6.06	5.39	4.78	5.81	5.62	18/7/20	8.52				6.17	6.17	5.64	7.15	11.09	7.18
13/7/20	11.17				6.94	6.79	7.74	6.70	6.40	6.30	16/7/20	3.13				5.16	5.79	5.12	4.97	4.52	5.85	18/7/20	7.83				6.30	5.84	5.03	6.18	11.04	6.88
13/7/20	10.23				6.94	6.64	7.20	7.45	6.32	6.22	16/7/20	2.66				4.98	5.35	4.96	4.94	5.32	5.99	18/7/20	9.75				6.14	5.94	5.15	7.54	11.62	6.93
13/7/20	9.97				6.95	5.88	7.30	7.29	6.35	6.21	16/7/20	2.73				4.75	5.41	4.87	5.08	5.97	5.75	18/7/20	11.32				6.28	5.96	5.08	8.23	11.26	6.82
13/7/20	8.15				6.96	5.70	7.48	7.61	6.11	5.99	16/7/20	2.38				4.65	5.73	4.69	5.23	6.17	6.04	18/7/20	11.16				6.59	6.17	5.67	8.12	10.72	7.21
13/7/20	5.81				6.97	5.81	7.70	7.26	6.51	5.80	16/7/20	3.03				4.56	5.89	4.99	5.09	6.06	6.00	18/7/20	11.05				6.51	6.88	5.69	9.09	11.16	7.15
13/7/20	4.40				6.98	5.90	7.64	7.06	6.69	5.80	16/7/20	4.08				4.49	5.96	5.17	5.10	6.14	5.66	18/7/20	9.88				6.37	6.00	6.53	7.87	11.02	7.46
13/7/20	3.74				6.99	5.97	7.73	6.47	6.69	6.09	16/7/20	3.94				4.44	6.09	4.84	5.07	6.19	5.78	18/7/20	10.86				6.52	5.89	7.05	7.97	10.89	7.49
13/7/20	3.13				7.01	6.01	6.26	6.11	6.71	5.80	16/7/20	4.03				4.20	6.23	5.17	4.64	6.24	5.79	18/7/20	10.19				6.64	6.46	7.20	7.11	8.12	7.30
13/7/20	1.79				7.02	6.18	5.95	6.01	6.81	5.75	16/7/20	5.08				4.9																

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9		ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9		ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9
20/7/20	2.15				3.74	4.87	4.53	5.05	5.24	4.47	22/7/20	10.00				4.89	5.97	7.37	5.31	7.07	6.43	25/7/20	2.51				3.97	5.12	4.63	4.89	5.73	4.29
20/7/20	2.63				3.80	5.15	4.74	4.97	4.97	4.32	22/7/20	8.65				4.99	5.69	6.90	5.39	8.22	6.36	25/7/20	3.72				4.03	4.53	4.36	4.81	5.72	3.95
20/7/20	3.05				3.79	5.38	5.10	4.71	5.48	4.19	22/7/20	6.52				5.63	5.38	6.48	6.20	8.74	5.90	25/7/20	3.54				4.10	4.28	4.49	4.38	5.73	3.89
20/7/20	2.88				4.04	5.37	5.30	4.49	6.17	5.15	22/7/20	6.49				5.90	5.21	6.35	6.52	9.77	6.16	25/7/20	3.39				4.11	4.01	4.25	4.01	5.67	4.01
20/7/20	3.72				4.15	5.79	5.50	4.52	6.43	5.31	22/7/20	8.38				6.06	5.25	5.75	7.40	9.40	6.32	25/7/20	2.68				4.02	3.86	4.28	3.29	5.16	3.75
20/7/20	4.82				4.31	6.53	6.27	4.87	5.93	5.53	22/7/20	10.23				5.29	5.44	5.34	6.94	8.74	6.61	25/7/20	2.81				3.95	4.02	4.35	3.71	4.40	3.74
20/7/20	5.24				4.51	6.82	6.42	5.06	5.77	5.18	22/7/20	10.00				6.10	5.15	5.17	6.48	8.11	6.10	25/7/20	3.54				3.73	3.91	4.49	3.93	4.09	3.86
20/7/20	6.35				4.63	7.01	6.54	4.89	5.87	5.39	22/7/20	9.14				6.58	5.26	6.79	6.24	7.27	6.60	25/7/20	3.46				3.34	3.69	4.31	3.67	4.11	3.95
20/7/20	7.12				4.65	7.03	6.51	4.84	5.76	5.44	22/7/20	9.05				6.34	5.30	7.53	6.36	6.68	5.84	25/7/20	3.47				3.12	3.68	4.28	3.38	4.26	4.49
20/7/20	8.07				4.81	6.96	6.58	4.78	5.57	5.39	22/7/20	8.25				6.19	5.02	8.10	7.58	8.20	7.08	25/7/20	3.08				2.94	3.64	3.90	3.77	4.47	4.63
20/7/20	8.29				5.07	6.93	6.61	4.95	5.44	5.65	22/7/20	8.44				6.05	5.43	7.77	6.83	8.27	6.89	25/7/20	2.54				2.82	3.77	4.03	3.24	4.37	4.39
20/7/20	7.07				4.82	7.00	6.68	5.16	5.33	5.54	22/7/20	7.26				5.90	6.14	7.98	6.51	8.02	6.79	25/7/20	2.39				2.91	3.66	4.11	3.60	4.67	4.84
20/7/20	6.30				5.32	6.47	6.76	5.30	5.54	5.47	22/7/20	7.50				5.74	6.39	7.17	5.80	7.66	6.57	25/7/20	2.82				3.00	3.49	4.03	4.24	5.43	4.55
20/7/20	7.88				4.88	6.18	6.46	5.67	5.77	5.05	22/7/20	6.02				5.41	6.14	7.39	3.91	7.12	6.33	25/7/20	2.24				3.14	3.37	4.70	4.81	6.48	5.51
20/7/20	10.13				4.33	5.22	6.62	5.34	5.94	5.20	22/7/20	5.06				5.07	6.15	7.27	5.39	7.01	6.23	25/7/20	3.33				3.33	3.59	5.42	5.25	7.34	6.27
20/7/20	9.02				4.49	6.10	6.75	5.27	6.16	6.85	22/7/20	6.78				4.68	6.16	7.02	6.07	6.85	5.44	25/7/20	5.74				3.37	4.06	5.37	5.18	8.56	5.83
20/7/20	10.01				5.15	6.41	6.72	5.08	7.05	6.74	22/7/20	5.74				4.00	5.91	6.43	5.96	6.67	5.33	25/7/20	5.23				4.12	4.36	5.68	4.99	8.09	5.72
20/7/20	11.17				5.10	6.24	6.62	4.87	7.93	7.02	23/7/20	5.11				4.23	5.48	5.88	5.91	6.69	5.12	25/7/20	4.90				4.57	4.60	5.87	4.88	7.96	5.36
20/7/20	9.99				5.33	6.15	6.57	5.49	8.72	7.03	23/7/20	4.94				4.24	5.60	4.99	5.47	6.45	4.53	25/7/20	6.52				4.82	4.61	6.86	5.56	7.40	5.58
20/7/20	10.40				5.60	5.83	6.47	6.64	9.59	6.87	23/7/20	5.23				4.23	5.82	3.85	5.14	6.40	4.60	25/7/20	6.33				4.37	4.83	7.08	5.54	6.51	5.21
20/7/20	8.50				5.81	5.81	6.29	7.14	10.17	7.06	23/7/20	5.20				4.23	5.55	5.61	5.62	6.57	4.48	25/7/20	6.54				5.01	4.87	7.45	5.07	5.47	4.73
20/7/20	7.08				5.26	5.65	5.95	7.16	10.55	6.73	23/7/20	4.85				4.33	5.26	5.62	5.29	6.44	4.47	25/7/20	6.79				5.41	5.09	7.33	4.55	5.01	4.70
20/7/20	8.54				5.18	5.68	6.25	7.29	10.62	6.57	23/7/20	4.58				4.32	5.66	4.95	5.74	5.37	4.77	25/7/20	7.04				5.40	5.26	7.28	4.37	4.67	4.81
20/7/20	9.03				5.55	5.69	6.81	6.98	10.22	6.20	23/7/20	4.10				4.30	5.65	4.87	5.23	4.83	4.72	25/7/20	6.88				5.23	5.31	7.31	4.39	4.74	4.68
20/7/20	9.25				6.32	5.74	5.88	5.90	9.56	5.92	23/7/20	3.96				4.03	5.06	4.98	4.50	4.67	5.15	25/7/20	7.54				5.23	5.48	6.98	4.41	4.84	4.76
20/7/20	8.32				6.39	5.87	7.32	5.81	9.62	6.66	23/7/20	3.30				3.81	4.97	5.12	4.29	4.67	5.30	25/7/20	8.19				5.44	5.65	7.37	4.73	4.61	4.42
20/7/20	8.00				6.39	5.49	7.73	6.28	9.43	7.21	23/7/20	2.75				3.68	4.88	5.29	4.06	4.58	5.15	25/7/20	8.21				5.54	5.87	6.73	5.35	4.86	4.42
20/7/20	7.62				6.48	6.02	7.82	6.28	8.58	7.08	23/7/20	2.13				3.55	4.80	4.90	3.87	4.83	5.28	25/7/20	7.95				5.75	5.50	6.92	5.22	5.17	4.30
20/7/20	7.37				6.65	6.26	7.75	7.49	8.25	6.91	23/7/20	1.41				3.45	4.45	5.01	3.58	4.84	5.17	25/7/20	7.30				5.31	5.24	6.63	5.90	5.54	4.13
20/7/20	6.08				6.52	6.43	7.94	6.62	7.81	6.85	23/7/20					3.43	4.31	4.74	3.59	5.06	5.00	25/7/20	6.15				4.68	5.27	8.14	5.65	5.78	4.46
20/7/20	5.88				6.41	6.40	7.58	6.93	7.53	6.59	23/7/20					3.58	4.23	4.66	4.24	5.39	5.08	25/7/20	9.22				4.60	5.41	7.87	3.68	5.97	4.87
20/7/20	5.94				6.13	6.39	6.95	6.29	7.19	6.34	23/7/20					3.69	4.08	4.63	3.99	5.89	5.47	25/7/20	9.81				4.88	5.25	8.07	6.15	6.27	3.81
20/7/20	4.63				5.61	6.28	6.15	5.25	7.03	5.67	23/7/20	1.68				3.68	3.90	4.91	4.91	6.55	5.27	25/7/20	8.97				4.88	5.60	8.04	6.49	6.71	4.84
20/7/20	3.01				5.81	6.10	5.15	5.58	6.80	5.64	23/7/20	4.53				3.88	4.11	5.25	4.69	7.46	5.37	25/7/20	8.88				5.39	5.85	7.99	6.47	7.29	4.94
20/7/20	4.01				4.53	5.74	6.30	5.43	6.59	5.47	23/7/20	6.12				4.20	4.54	5.94	4.68	8.35	6.32	25/7/20	7.79				5.67	5.88	6.94	7.48	7.11	4.38
20/7/20	4.40				4.46	5.87	6.81	5.39	6.40	5.18	23/7/20	5.15				4.70	4.81	6.43	4.85	8.12	5.79	25/7/20	8.78				5.74	5.27	7.58	7.62	7.01	4.23
20/7/20	4.86				4.84	5.91	6.74	5.34	6.00	5.15	23/7/20	6.04				4.89	5.06	7.07	4.63	7.50	5.05	25/7/20	8.30				5.63	5.02	7.36	6.92	6.64	4.27
20/7/20	6.91				5.06	5.86	6.36	5.12	6.49	5.58	23/7/20	6.95				4.96	5.32	7.49	5.24	7.01	5.61	25/7/20	8.09				5.59	5.06	6.93	6.83	6.33	4.17
20/7/20	7.12				4.40	6.34	5.65	4.89	5.92	5.39	23/7/20	7.07				5.20	5.38	7.36	4.98	5.79	4.95	25/7/20	7.72				5.74	5.23	7.22	6.68	6.12	4.21
20/7/20	6.72				4.89	6.20	5.76	5.13	5.59	5.27	23/7/20	7.94				5.11	5.58	7.90	4.86	5.36	4.45	25/7/20	7.60				5.54	5.12	6.50	5.35	5.67	4.20
20/7/20	5.80				4.86	5.83	5.91	4.94	4.99	5.08	23/7/20	8.78				5.13	5.78	8.14	4.57	4.97	4.80	25/7/20	7.27				5.49	5.18	5.92	5.13	5.55	4.03
20/7/20	5.11				4.57	5.62	5.69	5.42	4.85	5.21	23/7/20	8.70				4.82	5.92	6.76	4.47	4.75	4.93	25/7/20	5.62				6.25	5.09	5.31	5.19	5.41	4.67
20/7/20	3.76				4.17	5.60	5.77	5.35	4.81	5.64	23/7/20	8.81				4.83	5.82	6.26	4.62	4.81	5.09	25/7/20	5.08				6.03	5.11	5.19	4.91	4.53	5.03
20/7/20	2.41				3.85	5.31	5.39	5.09	5.22	5.76	23/7/20	7.12				4.90	6.06	7.00	4.62	4.83	5.39	25/7/20	4.94				6.14	4.91	5.25	5.03	4.99	5.46
20/7/20	1.53				3.52	4.99	5.04	5.24	5.78	5.78	23/7/20	8.25				5.17																

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9		ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9		ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9
27/7/20	4.28				5.66	5.70	6.07	5.19	8.06	6.68	29/7/20	6.66			6.23	6.41	7.45	5.15	6.07	4.49	1/8/20	2.39					2.52	4.18	4.66	3.98	2.99	
27/7/20	6.42				6.23	6.86	6.30	6.34	8.96	6.41	29/7/20	6.39			5.77	5.54	5.81	4.85	6.11	4.60	1/8/20	1.97				2.29	4.56	4.37	3.68	3.39	3.19	
27/7/20	7.40				6.33	6.27	6.62	6.34	8.67	6.28	29/7/20	6.66			5.73	5.87	5.58	4.37	5.52	4.94	1/8/20	1.83				2.38	4.56	4.57	4.00	3.72	3.93	
27/7/20	8.54				6.09	5.72	7.62	6.28	6.89	6.71	29/7/20	6.53			5.65	6.21	5.37	6.17	4.22	5.08	1/8/20	2.38				2.59	4.72	4.34	4.18	4.07	4.06	
27/7/20	9.68				6.20	5.82	7.87	4.65	6.14	5.98	29/7/20	5.51			5.96	6.36	5.29	5.30	3.87	5.10	1/8/20	2.35				2.84	4.97	4.59	4.06	3.70	4.15	
27/7/20	8.73				6.53	5.98	8.24	5.02	5.64	5.63	29/7/20	4.25			5.73	5.60	7.12	5.23	5.24	4.95	1/8/20	2.07				3.13	5.11	4.92	4.32	3.79	4.23	
27/7/20	8.42				6.64	6.25	8.15	5.00	5.62	5.71	29/7/20	2.18			5.25	5.40	7.59	6.16	5.70	6.02	1/8/20	1.74				3.39	5.20	5.24	4.20	4.14	4.35	
27/7/20	8.47				6.65	6.46	7.69	5.26	5.74	5.74	29/7/20	2.87			5.06	5.78	7.64	7.27	6.08	5.79	1/8/20	2.34				3.55	5.34	5.46	4.04	4.36	4.35	
27/7/20	8.33				6.59	6.58	7.54	5.52	5.90	5.43	30/7/20	2.13			5.05	6.65	7.66	6.81	6.42	5.68	1/8/20	2.07				3.82	5.49	5.62	4.12	4.57	3.68	
27/7/20	7.79				6.52	6.86	7.51	5.72	5.69	5.58	30/7/20	3.30			5.04	7.24	7.18	6.56	6.09	5.86	1/8/20	1.89				3.96	5.34	5.62	4.12	4.51	3.68	
27/7/20	6.33				6.32	6.58	7.71	5.91	5.78	5.34	30/7/20	3.61			5.18	7.40	6.50	5.79	5.83	4.94	1/8/20	3.37				4.58	5.46	5.87	4.34	4.35	3.67	
27/7/20	7.38				6.69	6.34	6.93	6.16	5.78	5.38	30/7/20	3.80			5.17	7.37	6.08	5.71	5.43	5.84	1/8/20	3.99				4.61	5.35	6.08	4.08	4.52	3.54	
27/7/20	7.09				6.34	6.00	6.97	6.15	5.99	5.95	30/7/20	1.53			4.91	7.22	5.51	5.43	4.89	6.46	1/8/20	3.92				4.77	5.22	5.82	4.03	4.82	3.33	
27/7/20	5.98				4.88	5.85	7.65	5.97	6.06	5.83	30/7/20	2.25			4.59	7.32	4.86	5.49	4.37	5.34	1/8/20	3.78				4.84	6.25	6.58	3.79	4.88	2.92	
27/7/20	7.22				4.92	6.96	8.10	6.32	6.03	5.64	30/7/20				4.66	6.58	5.41	4.43	3.64	4.81	1/8/20	5.02				4.75	5.43	6.09	3.63	5.48	3.18	
27/7/20	9.20				5.12	6.28	7.95	5.23	6.25	6.02	30/7/20	3.15			4.35	6.51	5.73	4.08	3.20	4.03	1/8/20	5.81				4.86	5.89	6.02	3.69	5.98	4.00	
27/7/20	9.59				5.12	6.47	8.36	5.18	6.89	6.14	30/7/20	3.14			4.27	6.68	5.28	5.23	3.53	4.17	1/8/20	5.74				5.06	5.75	6.41	4.56	6.15	4.89	
27/7/20	11.00				5.27	6.29	8.22	5.85	6.75	5.94	30/7/20	2.27			4.13	6.67	5.51	5.30	3.67	5.03	1/8/20	6.14				5.33	5.47	5.91	4.88	7.09	5.75	
27/7/20	11.07				5.51	5.97	8.37	5.97	6.02	5.63	30/7/20	1.48			4.00	6.41	5.01	5.35	3.99	5.67	1/8/20	4.72				5.36	5.60	5.88	6.13	7.78	6.06	
27/7/20	10.04				5.42	5.87	7.68	7.24	5.87	5.43	30/7/20	1.83			3.88	5.75	5.90	5.73	4.10	5.63	1/8/20	3.94				5.38	5.08	5.94	6.84	8.79	6.01	
27/7/20	9.15				5.41	5.57	7.38	7.07	5.76	5.23	30/7/20	1.87			3.92	5.33	5.49	5.48	4.31	5.55	1/8/20	5.79				5.46	5.25	5.73	7.99	9.40	6.10	
27/7/20	7.45				5.51	5.77	6.94	7.07	5.90	5.19	30/7/20				3.79	5.58	5.01	6.05	4.84	5.31	1/8/20	7.10				4.40	5.58	8.09	5.97	9.63	6.23	
27/7/20	4.98				5.55	6.36	6.60	6.70	5.59	5.37	30/7/20				3.97	5.78	4.55	6.01	5.20	4.98	1/8/20	6.38				5.65	4.94	8.14	7.05	9.77	6.63	
27/7/20	5.09				5.55	6.84	6.28	6.55	6.06	6.04	30/7/20				3.77	5.86	4.73	5.73	5.74	4.71	1/8/20	6.35				5.71	5.31	8.31	7.16	9.51	7.48	
27/7/20	3.96				5.63	7.09	6.25	6.59	6.98	6.13	30/7/20	2.53			4.06	5.81	4.93	5.31	5.70	4.67	1/8/20	6.26				5.88	5.61	7.79	7.98	9.68	8.19	
27/7/20	3.99				5.76	7.24	5.71	6.35	6.96	5.88	30/7/20	3.32			3.96	5.85	4.96	5.17	5.75	4.12	1/8/20	5.22				6.21	5.73	8.48	7.69	8.04	6.67	
27/7/20	5.55				5.20	6.95	5.16	5.78	6.61	5.78	30/7/20	4.64			4.76	5.86	5.39	5.29	5.79	4.19	1/8/20	4.29				6.41	5.88	9.20	7.54	7.59	6.46	
28/7/20	4.15				5.35	6.92	4.66	5.68	6.25	5.82	30/7/20	4.99			4.67	5.46	5.73	5.36	5.26	4.02	1/8/20	3.75				6.42	6.47	8.79	6.72	7.19	5.96	
28/7/20	4.06				5.28	7.05	3.66	5.61	5.88	5.71	30/7/20	5.81			4.44	5.37	5.81	5.51	5.38	3.52	1/8/20	3.01				6.43	6.17	8.54	6.16	7.66	5.60	
28/7/20	3.93				5.19	6.96	4.83	6.08	5.70	6.62	30/7/20	5.90			4.66	6.13	6.52	5.11	5.33	3.85	1/8/20	2.60				6.45	5.92	8.38	5.37	6.50	5.36	
28/7/20	3.91				5.29	6.69	5.22	6.06	6.12	6.40	30/7/20	5.95			4.80	5.60	5.55	4.57	6.29	3.97	1/8/20	2.03				6.43	6.25	6.42	5.24	6.42	5.21	
28/7/20	3.90				5.18	6.24	5.33	5.59	6.32	6.73	30/7/20	5.79			4.97	5.41	5.81	3.69	6.40	4.94	1/8/20	1.52				4.10	6.74	6.06	4.99	6.44	4.98	
28/7/20	3.36				5.02	5.40	5.35	5.74	6.70	6.46	30/7/20	5.14			5.36	5.28	6.62	6.24	7.60	5.51	1/8/20					5.05	5.28	5.43	4.93	6.39	4.55	
28/7/20	2.96				4.72	4.81	5.09	5.54	6.31	6.05	30/7/20	4.76			5.52	5.72	7.97	7.59	9.86	6.19	1/8/20					4.68	5.07		5.13	6.56	4.33	
28/7/20					4.49	5.34	5.12	6.05	6.12	5.71	30/7/20	4.97			5.17	6.45	8.04	7.14	10.94	6.60	1/8/20					4.76	5.73		4.83	6.04	3.16	
28/7/20					4.58	5.40	5.19	5.98	6.23	5.42	30/7/20	8.26			5.34	6.13	8.46	7.40	11.19	6.47	1/8/20	2.25				5.04	5.12	4.93	5.00	5.71	3.63	
28/7/20					4.68	5.28	4.99	5.70	6.36	5.32	30/7/20	9.32			5.68	5.55	8.35	6.50	11.26	6.10	1/8/20	2.55				5.01	5.10	3.70	3.04	5.57	4.45	
28/7/20					4.39	4.80	4.72	5.55	6.27	4.85	30/7/20	9.33			5.14	5.52	8.61	9.28	10.62	6.54	2/8/20	2.63				4.71	5.72	5.62	4.38	5.05	4.00	
28/7/20	3.98				4.36	4.61	4.61	5.45	6.14	5.01	30/7/20	8.40			6.15	6.13	9.83	11.34	11.44	7.51	2/8/20	2.99				4.76	5.24	6.59	4.50	3.74	4.04	
28/7/20	3.74				4.61	4.61	4.46	5.01	5.93	4.54	30/7/20	8.44			6.02	6.27	10.59	8.37	11.24	7.59	2/8/20	2.88				4.75	4.98	5.65	4.59	3.43	3.84	
28/7/20	4.02				4.69	4.91	4.39	5.16	5.21	4.61	30/7/20	8.23			6.21	6.32	10.29	6.08	8.94	7.04	2/8/20	2.92				4.53	4.91	5.35	4.64	3.94	3.51	
28/7/20	3.54				4.75	4.99	4.48	5.15	5.19	3.88	30/7/20	7.12			6.40	6.94	7.62	6.89	7.89	6.21	2/8/20	3.09				4.20	4.98	5.91	4.35	4.81	3.42	
28/7/20	3.27				4.85	4.98	5.16	4.87	6.00	4.41	30/7/20	6.36			6.41	7.09	8.85	6.78	7.66	5.16	2/8/20	3.02				3.87	4.79	6.51	4.31	5.27	4.27	
28/7/20	2.80				4.97	5.05	5.09	4.03	6.66	4.69	30/7/20	6.28			6.39	6.87	8.72	6.08	6.20	4.56	2/8/20	1.84				3.75	4.89	6.30	4.22	4.89	4.07	
28/7/20	3.83				4.89	4.98	5.60	4.42	6.78	4.66	30/7/20	5.36			6.43	6.94	9.06	5.36	5.81	4.79	2/8/20	1.80				3.62	4.53	5.28				

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	
3/8/20	5.26				4.81	4.71	6.39	5.27	6.09	3.85	6/8/20	3.21				4.75	4.97	6.05	5.88	6.58	5.27	8/8/20	3.82				5.17	5.65	7.58	4.67	6.77	5.81	
3/8/20	4.52				4.77	4.32	6.16	4.14	5.51	4.46	6/8/20	3.99				4.83	5.23	5.85	5.79	6.20	4.69	8/8/20	3.77				5.48	5.84	7.88	5.10	6.22	5.52	
3/8/20	3.36				4.69	4.27	6.36	4.17	4.85	3.97	6/8/20	4.55				4.89	4.61	5.97	5.81	6.24	5.27	8/8/20	4.77				5.91	6.04	7.78	4.96	5.94	5.72	
3/8/20	3.54				4.62	4.00	5.54	4.01	4.69	4.98	6/8/20	4.38				5.22	4.83	5.99	4.85	5.85	5.43	8/8/20	4.28				6.58	6.13	7.79	4.79	5.42	5.98	
3/8/20	2.02				4.33	4.02	6.16	4.34	4.93	4.14	6/8/20	4.42				5.15	5.14	5.85	5.38	5.39	4.73	8/8/20	1.90				6.65	6.27	7.74	4.75	5.42	6.13	
3/8/20	2.97				4.46	3.76	5.74	5.77	4.90	4.38	6/8/20	4.17				5.04	4.64	5.50	4.72	4.85	5.22	8/8/20	3.03				6.65	6.43	7.68	4.74	5.39	5.85	
3/8/20	2.73				4.68	4.02	6.27	6.82	4.93	3.83	6/8/20	3.92				4.86	4.93	5.71	4.08	4.90	6.28	8/8/20	4.26				6.61	6.53	7.69	4.98	5.29	5.70	
3/8/20	2.62				4.62	4.22	6.22	6.37	5.40	4.28	6/8/20	3.53				4.53	5.29	5.83	4.69	4.63	6.22	8/8/20	3.13				6.62	6.71	8.13	5.32	5.58	6.10	
3/8/20	3.01				4.50	4.45	6.19	6.37	5.49	4.47	6/8/20	3.47				4.26	5.03	5.93	5.15	5.01	5.99	8/8/20	4.78				6.09	6.74	7.94	5.36	5.60	6.15	
3/8/20	3.38				4.46	4.81	6.07	5.90	5.69	4.44	6/8/20	2.88				3.97	5.03	6.10	4.49	5.58	5.80	8/8/20	3.32				5.58	6.16	8.74	5.26	6.12	6.19	
3/8/20	1.77				4.40	4.88	5.71	5.35	5.60	4.43	6/8/20	2.60				3.96	4.93	6.12	3.59	5.70	5.38	8/8/20	7.32				5.51	7.88	8.51	4.65	6.93	5.77	
3/8/20	2.37				4.23	5.37	5.54	4.96	5.80	4.36	6/8/20	2.70				3.83	4.94	5.32	3.25	5.70	5.64	8/8/20	8.28				5.57	6.43	9.43	4.23	7.68	6.79	
3/8/20	2.95				4.18	5.45	5.61	5.20	5.87	4.35	6/8/20					3.77	4.87	5.07	2.52	6.05	5.70	8/8/20	8.07				6.18	6.77	9.75	3.99	7.54	7.31	
3/8/20	1.61				4.13	5.24	5.20	5.00	5.90	4.18	6/8/20					3.80	4.66	5.94	3.17	6.55	6.22	8/8/20	7.29				6.63	6.63	10.37	4.98	7.77	7.34	
3/8/20					4.15	4.71	5.08	4.66	5.84	3.89	6/8/20	1.72				3.87	5.20	6.34	3.67	7.15	6.37	8/8/20	7.04				6.56	6.41	10.28	7.04	7.51	7.76	
3/8/20	1.68				4.26	4.38	5.13	4.28	5.60	3.85	6/8/20	3.84				4.16	6.09	6.37	4.06	7.53	5.19	8/8/20	6.34				6.64	5.69	9.36	8.73	7.89	7.32	
3/8/20					4.20	3.99	5.07	4.28	5.76	3.60	6/8/20	3.35				4.41	5.73	6.41	4.58	7.03	6.11	8/8/20	6.65				6.63	5.67	9.23	8.39	8.25	7.27	
3/8/20	2.22				3.99	4.09	5.44	3.94	5.63	3.20	6/8/20	3.89				4.56	5.67	6.41	4.60	7.01	5.75	8/8/20	5.66				6.62	5.83	9.16	7.98	7.78	8.14	
4/8/20	2.50				4.35	4.60	4.99	4.07	5.61	3.04	6/8/20	5.29				4.54	5.68	6.82	3.89	5.67	5.41	8/8/20	4.84				6.61	6.42	9.01	7.67	7.82	9.32	
4/8/20	2.97				4.25	4.73	5.03	4.46	5.53	3.28	6/8/20	5.87					5.64	6.85	4.08	5.15	5.43	8/8/20	2.85				6.60	6.72	7.83	8.32	8.37	8.61	
4/8/20	3.23				4.23	4.24	4.78	4.06	5.38	3.42	6/8/20	5.99				4.88	5.71	7.18	4.02	5.07	5.30	8/8/20	5.39				6.60	6.73	7.87	8.54	8.99	8.34	
4/8/20	3.20				4.27	4.36	4.92	4.24	4.91	2.77	6/8/20	6.23					4.88	5.76	7.90	4.38	5.33	5.39	8/8/20	5.21				6.51	6.11	7.33	9.07	8.76	8.32
4/8/20	2.96				4.24	3.98	4.73	3.58	4.72	3.20	6/8/20	6.83				5.10	5.84	7.17	4.53	5.03	5.66	8/8/20	5.42				6.58	5.74	7.84	8.73	8.27	9.43	
4/8/20	2.94				4.19	3.56	4.78	3.46	4.48	4.13	6/8/20	7.47				5.25	5.92	6.81	4.68	5.02	5.60	8/8/20	5.62				6.57	5.29	8.24	8.58	7.76	9.28	
4/8/20	2.56				3.88	3.54	4.92	2.92	3.99	3.55	6/8/20	7.15				5.46	6.12	6.90	4.86	5.10	5.51	8/8/20	5.87				6.57	5.15	8.72	7.94	8.18	9.29	
4/8/20	2.29				3.58	3.49	5.03	3.18	3.89	3.83	6/8/20	5.90				5.65	6.09	7.12	5.35	5.58	5.23	8/8/20	5.24				6.58	4.73	8.15	7.76	7.85	8.75	
4/8/20	1.78				3.20	3.12	4.91	3.43	3.57	4.00	6/8/20	5.17				5.86	5.67	7.19	5.02	5.83	4.67	8/8/20	4.69				6.29	5.12	8.15	7.48	8.11	8.51	
4/8/20					3.06	2.88	4.78	3.97	4.38	3.82	6/8/20	7.68				5.25	5.28	7.69	4.51	6.13	5.08	8/8/20	4.43				6.04	5.09	8.09	7.20	7.79	8.28	
4/8/20					2.80	3.02	4.51	2.97	4.63	3.69	6/8/20	8.80				5.25	5.83	7.74	5.41	6.63	5.64	8/8/20	5.49				6.01	5.50	8.19	6.86	7.66	7.76	
4/8/20					2.66	3.10	4.06	2.59	4.66	3.71	6/8/20	8.12				5.35	5.86	7.04	5.17	7.29	6.35	8/8/20	4.73				5.44	5.44	7.98	6.63	7.23	7.33	
4/8/20					2.48	2.95	3.70	2.35	4.83	3.61	6/8/20	8.71				5.48	5.96	7.09	5.50	7.38	6.75	8/8/20	4.04				5.39	5.46	7.38	6.55	6.97	6.91	
4/8/20					2.57	2.39	4.43	2.28	5.08	3.53	6/8/20	7.72				5.84	6.36	7.26	4.58	7.60	6.46	8/8/20	2.96				5.62	4.46	6.81	6.39	6.78	6.57	
4/8/20					2.47	3.11	4.28	2.00	5.57	3.43	6/8/20	8.42				6.18	5.71	8.26	5.35	7.99	6.87	8/8/20	3.24				5.40	4.66	6.80	6.26	6.75	5.92	
4/8/20					2.75	3.13	4.64	2.47	5.69	3.34	6/8/20	7.74				6.24	5.51	9.18	7.64	7.99	6.77	8/8/20	2.88				5.46	4.49	7.07	6.09	7.06	5.08	
4/8/20					2.78	3.12	4.69	3.34	5.82	3.55	6/8/20	7.62				6.40	5.30	9.10	7.73	7.69	7.09	8/8/20	3.22				5.72	4.11	7.54	5.88	6.32	5.38	
4/8/20					3.16	3.50	4.81	3.14	4.91	3.73	6/8/20	6.31				6.69	6.24	8.41	7.59	7.72	7.95	8/8/20	1.76				5.85	4.09	7.14	4.01	5.81	5.50	
4/8/20					3.38	3.76	4.89	3.26	4.28	3.71	6/8/20	5.04				6.77	7.00	8.32	7.87	8.15	7.17	8/8/20	2.87				5.83	4.66	7.08	5.23	5.16	5.46	
4/8/20					3.43	4.08	5.38	3.27	4.15	3.70	6/8/20	5.64				6.76	8.15	7.74	7.70	8.11	7.65	8/8/20	1.95				5.68	4.80	6.53	6.44	4.88	5.27	
4/8/20					3.52	4.21	4.98	3.23	4.23	3.73	6/8/20	6.51				6.29	7.44	8.18	6.76	8.22	7.51	8/8/20	2.45				5.51	4.42	6.35	6.54	5.01	5.53	
4/8/20	1.83				3.64	4.33	5.34	3.26	4.17	3.64	6/8/20	7.97				6.11	7.14	8.26	6.88	7.88	7.79	8/8/20	1.58				5.30	4.34	6.17	5.22	4.87	5.68	
4/8/20	1.59				4.01	4.57	4.98	3.30	4.20	3.62	6/8/20	8.27				6.37	7.11	7.76	7.41	7.30	7.02	8/8/20					5.18	4.70	5.87	3.89	4.97	5.88	
4/8/20					4.45	4.56	5.03	3.60	4.22	3.65	6/8/20	7.80				6.55	6.37	7.28	7.28	7.19	7.10	8/8/20					4.93	4.73	5.35	3.71	5.10	6.30	
4/8/20	1.46				4.53	4.48	5.43	3.73	4.23	3.57	6/8/20	7.75				6.48	5.32	7.62	6.88	7.94	7.93	8/8/20					4.91	4.28	4.76	3.92	5.88	6.08	
4/8/20	2.82				4.38	3.79	5.62	3.82	4.30	3.45	6/8/20	7.53				5.87	5.69	7.87	7.02	8.29	7.82	8/8/20					4.83	4.55	4.77	3.54	6.66	6.28	
4/8/20	3.70				4.43	4.11	6.15	3.93	4.44	3.48	6/8/20	6.47				5.70	6.24	7.59	6.70	8.13	7.61	8/8/20					4.88	4.75	5.77	2.80	7.2		

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9		ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9		ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9
10/8/20	3.99				6.48	4.43	8.21	8.67	7.24	7.20	13/8/20					4.32	3.73	4.97	4.37	5.33	5.15	15/8/20	2.81				5.34	5.29	6.84	4.08	8.47	
10/8/20	4.29				6.52	4.05	8.18	7.84	7.07	6.93	13/8/20					4.18	3.52	5.29	4.54	5.13	5.27	15/8/20	5.07				5.34	5.31	7.14	4.70	9.10	
10/8/20	3.06				6.52	4.81	8.10	7.97	6.55	6.40	13/8/20					3.84	3.34	5.20	4.68	5.00	5.04	15/8/20	6.54				5.72	4.74	7.34	4.38	9.51	
10/8/20	2.23				5.95	4.83	7.49	8.56	6.58	5.99	13/8/20					4.05	3.20	4.65	4.69	5.01	5.00	15/8/20	8.12				6.52	4.38	7.85	5.65	9.27	4.61
10/8/20	1.95				5.43	4.21	6.67	7.91	6.21	5.92	13/8/20					4.11	3.31	4.13	4.89	5.10	4.77	15/8/20	9.15				5.73	5.37	8.47	6.55	9.89	5.15
10/8/20	1.83				6.43	3.97	6.09	7.77	6.00	5.82	13/8/20					4.34	3.50	4.06	4.61	5.15	4.52	15/8/20	9.51				5.90	5.49	8.44	3.76	10.25	5.28
10/8/20					6.44	3.87	5.41	5.87	5.27	5.60	13/8/20					3.78	3.30	3.86	4.46	5.18	4.15	15/8/20	9.76				6.02	5.41	8.31	3.70	8.24	5.22
10/8/20	1.32				6.10	4.27	5.37	6.09	5.59	5.64	13/8/20					4.18	3.15	3.81	4.49	5.23	4.05	15/8/20	9.69				6.44	5.57	7.81	4.24	6.84	3.52
10/8/20					6.31	4.14	5.59	5.96	5.93	5.94	13/8/20					4.88	3.23	3.89	4.34	5.23	4.13	15/8/20	8.85				6.50	5.67	7.92	4.77	6.26	3.38
11/8/20					6.09	3.60	6.05	5.84	5.97	6.05	13/8/20					4.89	3.76	4.40	4.55	5.27	3.77	15/8/20	7.54				6.50	6.12	8.98	3.78	6.72	3.39
11/8/20					5.70	3.64	6.02	5.49	6.38	6.27	13/8/20					4.41	3.68	4.75	4.60	5.51	4.03	15/8/20	7.22				6.51	6.17	9.50	3.93	6.21	3.53
11/8/20					5.25	3.29	6.02	5.16	6.54	6.06	13/8/20					5.42	4.36	4.70	4.25	5.46	5.57	15/8/20	5.86				6.51	5.02	9.13	3.56	5.96	3.32
11/8/20					5.39	2.84	6.03	5.22	6.54	5.88	13/8/20					5.20	4.08	4.92	4.79	6.98	6.25	15/8/20	5.90				6.29	4.21	8.64	3.57	6.23	2.77
11/8/20					5.57	2.30	6.17	5.32	6.74	5.54	13/8/20					5.30	3.79	5.31	5.30	6.96	5.72	15/8/20	5.58				5.71	5.83	7.27	2.80	6.27	2.14
11/8/20	1.57				5.62	2.69	6.08	5.80	6.78	5.40	13/8/20					4.94	3.55	6.45	5.20	7.70	4.93	15/8/20	6.30				5.02	5.44	7.34	1.78	6.04	
11/8/20	1.62				5.53	3.38	6.03	5.57	6.62	5.57	13/8/20	1.54				5.11	4.13	6.86	5.36	9.36	4.71	15/8/20	6.34				5.30	4.33	7.67	2.51	5.87	
11/8/20	1.43				5.94	3.04	5.43	5.36	6.07	5.24	13/8/20	1.62				4.73	3.71	5.47	5.91	9.80	4.48	15/8/20	6.09				5.21	4.35	7.40	2.03	5.53	2.12
11/8/20	1.38				5.99	2.85	5.17	5.42	5.94	4.96	13/8/20	2.25				4.87	3.93	5.45	5.04	8.97	4.59	15/8/20	6.21				5.08	5.31	6.66	2.71	5.16	2.57
11/8/20					5.85	2.79	4.83	5.27	5.51	5.02	13/8/20	2.09				5.01	4.81	6.01	4.41	7.44	4.75	15/8/20	5.69				5.28	4.64	6.68	3.57	4.62	2.32
11/8/20					6.03	2.95	4.63	4.27	4.98	4.73	13/8/20					5.04	5.19	5.84	2.70	6.55	5.11	16/8/20	5.62				5.19	4.00	7.21	5.31	4.60	3.93
11/8/20					5.58	2.79	4.38	4.01	4.16	4.64	13/8/20					5.93	5.20	6.66	1.91	6.11	5.11	16/8/20	5.47				5.13	4.18	7.70	6.09	6.22	5.66
11/8/20					5.46	2.80	4.89	3.15	3.76	4.41	13/8/20	1.77				5.91	5.56	7.30	4.78	5.80	4.85	16/8/20	4.28				4.91	4.53	7.06	6.93	7.24	5.31
11/8/20					5.62	2.96	5.02	4.63	3.55	4.45	13/8/20	1.44				6.04	4.22	7.74	5.18	5.55	4.72	16/8/20	3.48				4.80	5.19	6.96	6.24	7.39	4.26
11/8/20					5.65	3.23	5.22	4.03	3.57	4.49	13/8/20					6.05	4.19	7.37	5.39	5.56	4.72	16/8/20	3.59				4.69	5.69	6.74	5.63	6.65	2.11
11/8/20					5.61	2.78	5.08	4.16	4.21	4.50	13/8/20					6.13	4.53	7.67	5.18	5.58	4.64	16/8/20	4.22				4.30	5.66	6.83	5.71	6.43	
11/8/20					5.48	3.17	5.21	4.42	4.71	4.66	13/8/20	1.37				6.24	4.04	8.40	4.11	5.71	4.98	16/8/20	4.04				3.62	5.42	6.43	6.22	6.24	
11/8/20					5.46	2.87	5.56	4.01	5.25	4.28	13/8/20	1.36				6.03	4.47	9.30	3.77	5.75	4.57	16/8/20	3.46				3.19	5.59	5.67	5.57	5.96	
11/8/20					5.81	3.26	6.04	3.77	4.94	4.15	13/8/20	1.45				5.63	5.40	9.05	3.60	5.87	4.41	16/8/20	1.95				2.99	5.26	5.23	4.70	5.85	2.61
11/8/20					5.76	3.80	6.16	3.99	5.22	4.19	13/8/20					5.09	5.82	8.93	3.51	5.91	4.58	16/8/20					3.01	4.47	5.90	5.18	6.09	
11/8/20	1.37				5.90	4.54	6.75	4.20	5.13	4.19	13/8/20					5.87	5.09	7.88	2.76	5.94	4.68	16/8/20					2.63	4.98	5.88	4.96	5.70	
11/8/20					5.75	4.63	6.79	4.09	4.93	4.01	13/8/20					5.79	4.04	7.43	2.44	5.04	5.64	16/8/20				2.58	2.72	4.87	5.48	5.65	5.25	3.35
11/8/20					6.04	4.53	5.94	4.08	4.55	4.35	13/8/20					5.77	4.59	7.37	2.74	5.76	6.13	16/8/20	2.09				2.73	4.51	4.75	4.56	5.34	2.47
11/8/20	1.92				6.18	4.13	6.03	4.15	5.03	4.41	13/8/20					5.95	5.32	7.24	3.84	5.20	5.65	16/8/20	1.61				2.88	4.55	4.33	5.47	5.69	2.35
11/8/20	2.39				6.45	4.79	6.66	3.86	5.24	4.79	13/8/20					5.60	4.80	7.09	2.80	4.61	6.66	16/8/20					3.34	4.94	4.66	5.25	5.26	2.58
11/8/20	2.36				6.48	5.10	7.45	3.45	5.47	5.25	13/8/20					5.36	4.05	6.48	2.79	4.44	6.44	16/8/20					3.55	5.03	4.96	5.31	4.95	
11/8/20	2.51				6.49	5.70	7.54	3.78	5.53	5.63	13/8/20					5.07	4.11	5.84	2.59	4.57	5.45	16/8/20					3.66	5.07	5.22	5.17	5.27	
11/8/20	1.90				6.49	6.39	7.38	4.16	5.64	5.94	13/8/20					4.94	3.87	5.39	3.01	4.92	5.12	16/8/20					3.79	5.38	5.67	5.18	5.61	
11/8/20	2.27				6.48	7.12	7.98	4.45	6.04	6.10	13/8/20					4.57	3.98	5.02	3.81	5.50	5.77	16/8/20	1.46				3.98	5.47	5.99	4.97	5.20	
11/8/20	1.33				6.50	7.00	8.19	4.46	5.86	6.21	14/8/20					4.41	4.29	5.05	4.24	5.84	5.94	16/8/20	3.21				3.96	5.42	6.26	4.94	5.09	
11/8/20	1.49				6.50	5.93	8.06	4.43	5.76	6.04	14/8/20					3.71	4.45	4.83	4.45	5.70	5.78	16/8/20	2.44				4.64	5.34	6.37	4.83	4.98	
11/8/20	1.74				6.11	5.57	8.40	4.71	5.64	6.03	14/8/20					2.99	4.14	4.65	4.72	5.84	5.16	16/8/20					5.11	5.58	6.28	4.94	5.13	2.96
11/8/20	2.45				6.41	5.95	8.18	4.51	6.62	5.49	14/8/20					2.64	3.85	4.38	4.58	5.69	4.62	16/8/20	2.76				5.23	4.34	6.43	4.96	5.17	2.53
11/8/20	1.94				6.44	6.39	8.34	4.56	7.16	4.85	14/8/20					2.43	3.26	4.23	3.84	5.41	3.95	16/8/20	3.95				5.08	5.04	7.08	4.74	5.95	2.57
11/8/20	1.86				6.49	6.41	8.78	5.00	6.69	5.22	14/8/20					2.15	3.74	3.24	3.10	5.03	3.81	16/8/20	5.18				5.16	6.19	7.17	4.46	4.62	
11/8/20	3.21				6.50	5.40	8.98	4.34	7.31	5.47	14/8/20					2.18	3.03	3.88	2.64	4.56	3.37	16/8/20	5.47				5.23	6.01	7.14	4.11	6.83	
11/8/20	5.03				6.49	4.91	7.69	4.13	7.11	6.16	14/8/20					2.20	3.65	4.20	2.63	4.38	3.22	16/8/20	5.52				5.58	5.54	7.16	3.72	6.91	2.07
1																																

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2		data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2		data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	
	ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9	ve1		ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9	ve1	ve2		ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9			
18/8/20	2.40				4.43	3.95	5.13	5.03	5.49	2.15	20/8/20	3.71					4.27	4.25	6.06	3.85	5.29		22/8/20	4.95					6.25	5.53	7.01	8.69	6.52	7.11	
18/8/20	2.76				4.48	4.60	5.33	4.47	5.12	3.12	20/8/20	4.32					4.44	4.54	5.93	3.94	4.92	5.28	22/8/20	4.41					5.94	4.99	6.91	7.92	6.72	6.91	
18/8/20	2.78				4.37	4.08	5.23	3.66	5.05	3.21	20/8/20	4.41					4.43	4.77	5.14	4.33	4.77	5.33	22/8/20	3.98					5.62	4.46	6.93	5.55	6.95	6.60	
18/8/20	2.64				4.14	3.75	5.11	3.80	4.44	2.81	20/8/20	4.67					4.62	4.86	6.56	4.20	4.73	5.41	22/8/20	4.65					6.09	4.28	6.59	4.66	7.18	6.32	
18/8/20	2.04				3.79	3.94	4.36	4.78	4.17	2.54	20/8/20	5.00					4.98	5.03	6.21	4.05	4.74	5.41	22/8/20	5.10					5.84	4.43	6.49	4.95	7.32	6.50	
18/8/20	2.03				3.52	3.67	3.74	4.48	3.90	2.96	20/8/20	5.24					5.01	5.05	6.33	4.57	5.17	5.49	22/8/20	5.35					5.83	4.63	6.57	4.88	6.88	6.50	
18/8/20	2.66				3.22	3.59	3.92	3.80	4.14	2.60	20/8/20	5.53					5.22	4.92	6.28	4.79	5.50	5.25	22/8/20	5.02					5.69	3.88	6.48	5.54	6.90	6.60	
18/8/20	2.71				3.05	3.25	3.86	3.53	4.22		20/8/20	6.04					5.14	4.18	6.67	4.52	6.01	5.26	22/8/20	4.82					5.32	3.41	5.91	6.00	6.54	6.55	
18/8/20	2.76				2.75	3.04	3.51	3.05	4.16		20/8/20	6.29					5.23	5.82	6.64	5.05	6.24	5.38	22/8/20	4.63					5.20	3.49	5.84	6.46	6.35	6.53	
18/8/20	2.61				2.64	2.99	2.79	2.90	4.01		20/8/20	6.97					5.29	4.66	6.66	5.61	6.32	5.67	22/8/20	4.07					4.96	4.06	6.08	6.07	6.74	6.37	
18/8/20	1.33				2.48	2.71	2.81	2.52	3.98		20/8/20	7.52					5.47	4.74	7.52	6.76	6.88	6.43	23/8/20	3.94					4.97	3.82	6.01	5.91	6.31	6.30	
18/8/20					2.40	1.91	2.99	2.70	4.07		20/8/20	8.30					5.65	4.78	7.86	5.33	6.82	6.91	23/8/20	3.95					4.73	3.74	5.84	5.34	6.21	6.12	
18/8/20	1.55				2.56	2.29	3.19	2.38	4.44		20/8/20	9.00					5.73	3.94	8.27	5.70	7.34	7.16	23/8/20	3.81					4.58	3.47	5.67	5.47	6.34	5.87	
18/8/20					2.43	3.01	3.20	2.11	4.46		20/8/20	8.84					5.96	3.70	8.45	6.79	7.61	7.19	23/8/20	3.84					4.64	2.95	5.32	4.73	6.28	5.94	
18/8/20					2.37	3.08	3.48	1.93	4.26		20/8/20	8.38					6.31	4.52	8.34	5.70	6.92	7.94	23/8/20	3.86					5.04	3.52	4.98	4.99	6.29	5.60	
18/8/20					2.39	3.37	3.92	2.76	4.40		20/8/20	7.71					6.54	4.83	7.99	8.66	7.25	8.16	23/8/20	3.28					4.98	3.97	5.32	4.62	5.76	5.25	
18/8/20					2.70	3.57	4.25	2.77	3.80	2.29	20/8/20	7.97					6.60	5.06	7.53	8.21	7.89	8.71	23/8/20	2.88					5.17	3.60	5.00	3.65	5.46	5.18	
18/8/20					2.80	3.52	4.68	3.01	3.81	2.81	20/8/20	8.48					6.55	4.64	7.36	6.82	8.06	9.00	23/8/20	2.74					5.21	3.35	4.62	3.72	5.33	5.36	
18/8/20					2.88	4.00	4.60	3.06	3.64	2.95	20/8/20	8.32					6.25	4.88	7.17	6.09	8.27	8.90	23/8/20	2.91					5.07	3.43	4.92	3.40	4.43	5.15	
18/8/20	1.33				3.02	4.33	4.50	3.34	3.87	3.43	20/8/20	7.21					6.20	4.55	7.18	5.24	8.29	8.55	23/8/20	2.99					4.92	3.14	5.21	4.20	4.60	5.13	
18/8/20	1.52				3.31	4.40	4.73	3.34	4.18		20/8/20	6.20					6.52	4.27	7.33	5.88	8.27	8.50	23/8/20	3.05					4.74	3.13	5.22	4.40	4.41	4.87	
18/8/20	1.76				3.34	4.46	4.69	3.49	4.28		20/8/20	5.81					6.34	4.54	7.27	7.81	8.02	8.57	23/8/20	3.07					4.43	3.45	4.81	4.11	4.13	4.62	
18/8/20	1.66				3.08	4.41	4.46	3.67	4.15		20/8/20	5.53					5.99	4.34	6.94	7.61	7.77	8.47	23/8/20	2.93					4.29	3.21	4.74	3.05	4.51	4.51	
18/8/20	1.86				3.62	3.85	4.47	3.47	4.70		20/8/20	5.27					5.60	4.59	6.62	7.91	7.74	8.10	23/8/20	3.03					4.18	3.75	4.39	2.68	5.27	4.45	
18/8/20	3.02				4.54	3.82	4.58	3.39	5.39		20/8/20	5.29					5.44	5.01	6.60	7.65	7.46	7.69	23/8/20	3.17					4.11	3.58	4.30	1.80	5.56	4.03	
18/8/20	3.98				4.68	4.30	4.82	3.34	5.61		20/8/20	4.77					5.25	5.07	6.64	6.95	7.44	7.39	23/8/20	3.40					3.91	3.26	4.58	1.86	5.66	4.24	
18/8/20	4.04				4.82	3.90	5.01	4.38	5.99		20/8/20	4.35					5.16	5.11	6.78	6.10	7.01	7.17	23/8/20	3.13					3.94	3.34	4.84	1.82	6.19	4.91	
18/8/20	3.81				4.66	4.32	5.82	3.33	6.73		20/8/20	4.17					4.81	4.98	6.78	5.79	7.08	6.86	23/8/20	3.39					4.35	3.47	5.18	1.64	7.20	5.11	
18/8/20	3.64				4.96	4.56	5.86	2.77	6.25		20/8/20	3.01					4.36	4.73	6.50	4.78	7.00	6.36	23/8/20	4.02					4.62	4.42	5.95	2.42	7.41	4.47	
18/8/20	3.82				4.92	4.30	6.08	4.22	6.36		21/8/20	3.81					4.81	3.69	6.38	3.70	6.65	6.17	23/8/20	4.32					4.66	4.13	6.44	3.94	7.14	4.12	
18/8/20	4.44				5.22	3.88	6.15	4.17	6.21		21/8/20	3.91					5.00	4.27	6.01	3.70	6.48	6.17	23/8/20	4.59					4.52	4.04	6.49	3.89	6.98	4.33	
18/8/20	4.31				5.23	3.45	6.26	5.70	6.38		21/8/20	3.87					4.85	4.46	5.88	4.36	6.61	5.79	23/8/20	5.06					4.71	4.18	6.53	3.73	5.41	4.20	
18/8/20	4.63				5.23	3.94	6.36	7.19	6.65		21/8/20	3.64					5.22	3.98	5.60	4.24	6.20	5.87	23/8/20	5.42					5.21	4.25	6.66	4.29	6.43	4.47	
18/8/20	4.84				5.35	4.52	6.63	6.87	6.84		21/8/20	3.76					5.21	4.11	5.75	4.21	6.32	5.95	23/8/20	5.91					5.42	4.60	6.53	4.30	4.46	4.65	
18/8/20	4.94				5.48	4.82	5.94	7.09	7.10		21/8/20	4.17					5.11	4.40	5.70	3.75	5.91	5.71	23/8/20	5.93					5.44	4.91	6.52	4.29	4.48	4.89	
18/8/20	4.77				5.39	4.68	5.32	7.11	7.44		21/8/20	3.84					4.85	3.49	5.75	3.77	5.22	5.79	23/8/20	5.95					5.40	4.93	6.16	4.40	4.81	5.15	
18/8/20	5.20				5.45	4.85	6.58	5.41	7.61		21/8/20	3.51					4.61	3.47	5.55	3.73	4.99	5.62	23/8/20	6.05					5.62	5.07	5.97	3.86	4.69	5.37	
18/8/20	4.93				5.04	4.74	6.62	7.74	7.51		21/8/20	3.43					4.42	3.67	5.32	4.02	5.29	5.50	23/8/20	5.97					5.72	5.18	5.65	4.65	5.01	5.59	
18/8/20	4.82				4.93	3.90	6.89	8.51	7.86		21/8/20	3.20					4.10	3.60	5.08	4.53	4.81	5.50	23/8/20	6.04					5.51	5.06	5.96	4.93	5.00	5.75	
18/8/20	4.17				5.10	4.09	6.80	7.27	7.40		21/8/20	2.98					3.94	3.09	4.74	3.35	5.37	5.38	23/8/20	6.19					5.67	4.96	5.65	5.03	5.52	5.77	
18/8/20	4.25				4.98	4.97	6.51	6.22	7.33		21/8/20	2.47					3.61	3.24	4.31	3.22	5.19	5.17	23/8/20	8.02					5.63	4.22	6.11	5.38	5.77	5.94	
18/8/20	3.66				4.85	4.97	6.35	6.52	7.11		21/8/20	2.67					3.42	3.49	3.90	2.69	5.54	4.92	23/8/20	8.68					5.79	5.66	6.98	5.70	6.10	6.31	
18/8/20	3.81				4.63	5.02	6.17	6.14	6.56		21/8/20	2.43					3.26	3.36	4.23	3.32	5.74	4.90	23/8/20	8.98					6.04	5.06	7.25	5.68	6.79	6.43	
18/8/20	3.88				4.41	5.17	5.79	5.97	6.59		21/8/20	2.51					2.91	3.20	4.39	2.92	6.19	5													

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9		ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9		ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9
25/8/20	3.84				4.13	2.92	5.54	4.15	5.13	5.02	27/8/20	6.99				5.62	3.01	7.59	5.60	10.49	6.23	29/8/20	5.47				4.91	4.48	5.70	3.73	4.85	5.12
25/8/20	3.83				4.12	2.94	5.33	3.49	4.31	4.99	27/8/20	8.49				6.07	3.14	8.57	7.78	10.23	6.96	30/8/20	5.29				5.50	4.01	5.38	5.32	4.31	5.13
25/8/20	2.73				3.97	2.78	5.46	4.11	4.05	4.53	27/8/20	9.42				5.27	3.78	8.57	6.99	9.22	7.30	30/8/20	4.88				5.43	3.98	5.15	3.86	4.78	4.94
25/8/20	3.70				3.84	2.75	5.17	3.43	4.00	4.75	27/8/20	9.72				5.35	3.76	8.87	5.06	7.80	7.84	30/8/20	4.39				5.45	4.16	5.27	4.90	4.13	5.22
25/8/20	3.77				3.57	2.88	5.41	4.21	4.28	4.87	27/8/20	9.93				5.36	3.59	9.07	4.50	6.93	8.03	30/8/20	4.61				5.28	4.40	5.23	4.70	4.62	5.12
25/8/20	4.45				3.46	2.89	4.69	3.53	4.55	4.44	27/8/20	10.02				5.37	3.69	9.03	4.48	7.00	6.44	30/8/20	4.47				5.21	4.28	4.93	4.40	4.34	5.06
25/8/20	4.49				3.44	2.57	4.89	3.50	5.18	4.62	27/8/20	9.92				5.61	3.11	9.14	4.12	6.70	6.16	30/8/20	4.59				4.82	4.08	4.95	4.36	4.37	4.85
25/8/20	4.64				3.89	2.60	5.31	3.55	5.61	4.72	27/8/20	9.47				5.87	3.11	9.26	3.85	6.32	6.22	30/8/20	4.62				4.66	2.92	4.87	4.54	4.34	4.76
25/8/20	4.76				4.22	2.93	5.45	3.52	5.74	4.52	27/8/20	8.89				5.81	3.37	9.49	3.75	6.14	6.47	30/8/20	4.41				4.66	2.99	4.72	4.57	4.31	4.66
25/8/20	4.61				4.12	3.56	5.85	3.73	5.73	4.75	27/8/20	8.82				5.46	3.14	8.50	3.78	6.00	6.27	30/8/20	3.66				4.57	3.56	4.64	4.45	4.45	4.66
25/8/20	4.98				3.97	3.99	6.18	3.76	5.65	4.92	27/8/20	9.17				4.98	3.54	8.65	3.39	6.45	6.61	30/8/20	3.97				4.47	2.50	4.91	4.14	4.30	4.47
25/8/20	5.79				3.94	3.85	6.50	3.11	5.15	5.25	27/8/20	9.13				4.82	3.35	8.60	3.55	6.29	7.03	30/8/20	3.62				4.28	2.69	4.42	3.95	4.42	4.09
25/8/20	6.44				4.08	4.01	6.85	2.80	4.71	5.04	27/8/20	9.37				5.35	3.26	8.21	4.36	5.90	6.82	30/8/20	3.53				4.12	2.78	4.09	3.75	4.16	4.05
25/8/20	7.08				4.50	4.08	7.10	3.04	4.72	5.03	27/8/20	9.26				3.66	3.58	7.80	4.53	5.55	8.42	30/8/20	3.61				4.02	3.49	4.07	3.67	3.98	4.25
25/8/20	7.58				4.65	4.57	7.35	4.01	4.74	5.06	27/8/20	8.08				5.29	4.10	7.67	7.05	5.84	8.21	30/8/20	3.83				4.31	3.35	4.10	3.89	4.11	4.40
25/8/20	8.07				4.70	4.82	7.60	3.49	4.79	5.02	27/8/20	5.58				5.61	3.48	7.27	5.56	6.48	7.86	30/8/20	3.70				4.19	3.56	4.44	3.74	4.16	4.44
25/8/20	9.04				4.75	4.85	7.51	4.02	5.08	5.21	27/8/20	5.67				5.75	2.96	6.70	6.26	7.19	7.09	30/8/20	3.48				4.21	3.70	3.23	3.86	3.99	4.11
25/8/20	9.19				5.03	5.15	7.55	4.45	5.23	5.34	27/8/20	5.69				5.75	3.40	6.71	5.95	7.76	7.75	30/8/20	3.85				4.09	3.74	4.34	3.32	4.02	4.26
25/8/20	9.20				5.20	5.36	7.68	4.49	5.41	5.37	27/8/20	4.91				5.70	4.17	6.94	5.70	7.55	7.90	30/8/20	3.87				4.24	3.97	4.45	3.36	4.27	4.39
25/8/20	8.76				5.68	5.44	7.63	4.61	5.43	5.60	27/8/20	4.51				5.53	6.41	7.22	6.14	7.38	7.88	30/8/20	4.16				4.42	3.92	4.42	4.76	3.49	4.13
25/8/20	8.24				6.44	5.32	7.60	4.56	5.74	5.72	28/8/20	4.42				5.45	6.89	7.04	8.41	6.56	8.14	30/8/20	3.92				4.55	4.35	4.94	3.11	4.24	4.52
25/8/20	8.13				5.58	5.03	7.82	4.73	5.82	5.77	28/8/20	4.35				5.35	7.15	6.74	6.79	6.05	8.33	30/8/20	3.32				4.59	4.09	4.95	3.23	4.06	4.59
25/8/20	7.87				4.87	4.16	7.48	4.35	5.55	5.82	28/8/20	4.56				5.25	7.00	6.46	6.13	5.58	8.01	30/8/20	4.64				4.58	4.05	5.13	3.43	4.18	4.53
25/8/20	7.87				4.65	5.06	7.55	5.26	6.02	5.85	28/8/20	4.30				5.05	6.62	5.85	5.62	5.43	8.12	30/8/20	5.10				4.67	2.76	5.53	3.88	4.28	4.66
25/8/20	9.36				4.65	3.66	7.93	5.09	5.92	5.45	28/8/20	4.02				4.77	5.97	6.45	3.98	5.24	7.78	30/8/20	5.02				5.03	4.10	5.49	3.49	4.29	4.78
25/8/20	10.50				4.66	3.98	8.47	4.64	6.43	6.16	28/8/20	2.80				4.57	6.05	6.24	3.55	5.29	6.68	30/8/20	4.82				5.35	3.81	5.08	3.65	4.83	5.22
25/8/20	11.02				4.83	3.79	9.01	4.34	6.24	6.06	28/8/20	2.36				4.70	6.28	6.26	2.96	4.69	6.27	30/8/20	4.99				5.17	3.77	5.01	3.14	5.23	4.90
25/8/20	12.16				5.13	5.03	9.70	4.37	6.55	7.15	28/8/20	3.90				4.65	5.98	6.61	3.99	4.39	6.35	30/8/20	5.53				5.29	3.92	5.41	3.04	5.14	4.92
25/8/20	10.84				5.41	5.07	9.38	4.73	6.78	8.04	28/8/20	3.82				4.55	5.98	6.17	4.63	4.94	6.43	30/8/20	6.37				5.27	3.61	5.45	4.51	5.63	5.77
25/8/20	8.61				5.33	5.04	9.44	6.19	6.01	8.23	28/8/20	3.43				4.44	5.26	5.69	4.53	5.15	6.36	30/8/20	6.67				5.39	3.48	5.82	3.53	5.86	5.91
25/8/20	7.90				5.43	4.80	9.02	6.99	6.36	9.39	28/8/20	3.25				4.28	4.45	5.18	4.28	5.44	6.22	30/8/20	6.59				5.37	3.28	5.99	4.36	6.32	5.47
25/8/20	7.88				5.50	5.66	8.76	6.29	6.52	10.69	28/8/20	2.84				4.16	4.39	4.54	4.34	5.55	5.97	30/8/20	6.80				5.24	2.82	6.44	5.79	6.72	5.30
25/8/20	7.69				5.47	5.31	8.23	5.61	6.04	12.20	28/8/20	2.70				4.16	4.33	4.60	4.69	4.45	5.58	30/8/20	7.70				4.94	3.07	6.76	5.78	6.87	6.33
25/8/20	6.74				5.26	6.51	7.76	5.93	6.60	12.85	28/8/20	2.71				4.21	4.35	4.95	5.27	5.62	5.30	30/8/20	7.53				5.67	3.09	6.47	5.11	6.96	6.33
25/8/20	6.83				5.25	6.72	7.10	7.32	7.57	11.06	28/8/20	2.80				4.16	4.53	5.20	5.34	5.87	5.22	30/8/20	7.10				5.93	3.75	7.00	5.65	6.80	6.26
25/8/20	5.88				5.21	6.58	6.67	6.61	7.70	10.70	28/8/20	2.83				4.14	4.55	5.19	4.57	5.69	5.13	30/8/20	6.13				5.87	3.79	6.77	5.89	7.23	6.20
25/8/20	5.76				5.17	6.48	6.67	5.75	7.53	11.15	28/8/20	2.98				4.18	4.32	5.14	4.94	5.70	5.07	30/8/20	6.11				6.11	4.22	6.61	4.84	6.26	6.46
25/8/20	4.61				4.98	5.43	6.65	4.62	7.49	11.41	28/8/20	3.40				4.23	4.41	5.29	4.74	5.62	5.02	30/8/20	5.86				6.53	4.77	6.19	5.71	5.72	5.84
25/8/20	5.63				4.40	5.61	6.49	4.48	7.26	10.40	28/8/20	4.11				4.83	4.07	5.47	4.94	5.66	5.12	30/8/20	5.63				6.16	4.69	5.88	5.50	5.20	5.24
26/8/20	5.94				4.56	5.55	6.18	3.95	6.96	8.91	28/8/20	5.07				4.87	3.83	5.82	4.90	4.48	4.96	30/8/20	4.96				5.83	4.69	6.10	5.51	5.19	5.37
26/8/20	5.52				4.86	5.37	6.12	4.60	6.67	7.05	28/8/20	5.82				4.94	4.20	5.76	4.91	5.33	4.93	30/8/20	4.91				5.78	4.19	6.01	6.01	4.73	5.32
26/8/20	4.74				4.84	5.26	6.35	4.80	6.21	7.88	28/8/20	6.71				4.97	4.53	5.63	3.96	5.33	5.18	30/8/20	4.83				5.27	4.45	6.14	5.68	4.89	5.29
26/8/20	5.27				4.54	5.04	5.68	4.95	6.19	7.30	28/8/20	7.16				4.93	4.51	5.67	5.00	5.81	5.84	30/8/20	4.60				5.15	4.31	6.28	5.49	4.89	5.28
26/8/20	5.19				4.46	4.53	6.17	4.66	6.27	7.05	28/8/20	7.45				5.00	3.95	5.44	5.65	5.66	6.06	30/8/20	4.08				5.05	3.21	6.04	4.45	4.63	5.36
26/8/20	4.36				4.59	4.32	6.22	4.10	6.30	6.91	28/8/20	7.58																				

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l
1/9/20	3,67			4,76	4,35	5,67	4,34	4,78	4,69	3/9/20	4,87				6,96	6,43	9,99	6,06	8,79	8,94	6/9/20	4,16						6,48	3,53	5,73	6,24	
1/9/20	3,93			4,79	4,39	5,86	4,42	4,65	4,94	3/9/20	5,20				6,96	5,68	9,77	6,03	8,82	8,83	6/9/20	4,10						6,30	4,75	6,08	6,15	
1/9/20	4,18			5,11	4,53	5,49	4,49	4,68	5,00	3/9/20	6,32				6,97	5,42	9,16	5,82	8,71	8,55	6/9/20	3,96						5,86	4,12	5,57	6,08	
1/9/20	4,53			5,50	4,53	6,18	4,48	4,69	5,18	3/9/20	7,44				6,98	6,02	9,10	6,31	8,35	9,13	6/9/20	3,92						5,33	3,54	4,73	6,35	
1/9/20	4,75			5,72	4,57	7,22	4,59	4,78	5,26	3/9/20	7,67				6,98	5,34	8,96	5,95	8,03	9,30	6/9/20	3,54						5,67	3,12	4,45	5,73	
1/9/20	4,53			5,85	4,09	6,38	4,49	4,37	5,30	3/9/20	7,60				6,98	5,27	8,46	6,55	7,83	9,11	6/9/20	3,18						5,61	3,06	4,51	5,19	
1/9/20	4,47			6,21	3,66	6,26	4,50	5,08	5,32	3/9/20	7,30				6,98	5,65	8,37	6,87	7,45	8,65	6/9/20	3,18						5,47	2,99	5,30	4,79	
1/9/20	4,44			5,97	3,76	7,01	4,59	5,01	5,22	3/9/20	7,25				6,98	5,39	8,20	6,60	7,33	8,25	6/9/20	3,69						5,64	2,96	5,22	4,54	
1/9/20	4,56			5,83	3,37	7,61	4,36	4,94	5,32	3/9/20	6,91				6,98	5,51	7,82	5,71	7,17	7,79	6/9/20	3,99						5,61	3,41	5,05	4,31	
1/9/20	5,31			5,82	3,29	7,94	5,32	5,05	5,90	3/9/20	6,64				6,75	5,32	7,60	5,59	7,31	7,53	6/9/20	4,13						5,77	3,49	4,61	5,26	
1/9/20	5,49			6,15	4,62	7,04	4,69	5,62	5,65	3/9/20	6,75				6,99	4,24	7,75	5,40	7,03	7,08	6/9/20	4,29						5,89	3,11	4,70	4,95	
1/9/20	5,65			6,31	4,03	6,92	4,01	6,15	5,60	4/9/20	6,61				6,71	3,77	7,24	5,40	6,55	7,16	6/9/20	4,37						6,62	4,11	4,69	5,32	
1/9/20	5,70			6,74	3,78	9,54	4,42	6,93	5,70	4/9/20	6,54				6,96	3,66	7,53	5,14	6,49	6,48	6/9/20	4,46						7,26	4,36	4,80	5,06	
1/9/20	5,78			6,73	3,23	9,71	5,66	7,20	6,44	4/9/20	5,96				6,97	4,73	7,24	5,07	6,48	7,07	6/9/20	4,85						7,38	4,13	5,14	5,21	
1/9/20	6,06			6,92	3,12	9,90	6,83	6,62	7,15	4/9/20	5,37				6,96	4,44	7,49	4,77	6,60	6,93	6/9/20	5,45						7,37	3,75	4,84	5,59	
1/9/20	5,57			6,89	3,09	10,00	6,93	6,57	7,48	4/9/20	4,39				6,99	4,82	7,79	4,48	6,34	6,93	6/9/20	5,62						7,41	3,66	4,85	5,67	
1/9/20	6,00			6,57	3,22	10,08	6,59	7,25	7,59	4/9/20	4,13				7,00	3,98	7,93	3,78	6,28	6,68	6/9/20	5,75						7,31	3,81	4,89	5,81	
1/9/20	5,90			6,86	3,36	10,30	6,52	7,20	7,66	4/9/20	4,36				6,85	4,81	7,48	4,99	6,29	6,71	6/9/20	5,71						8,00	4,42	5,21	5,78	
1/9/20	5,66			6,96	2,99	10,51	6,19	6,96	8,39	4/9/20	4,44				6,84	4,23	7,04	4,85	6,24	6,51	6/9/20	5,90						8,92	4,47	5,36	6,12	
1/9/20	5,42			6,89	3,81	10,75	6,39	7,15	8,61	4/9/20	4,29				6,58	4,00	6,72	3,59	5,88	6,62	6/9/20	6,68						8,22	4,36	5,57	6,23	
1/9/20	5,58			6,71	3,72	10,03	6,85	7,53	8,00	4/9/20	4,23				6,61	4,21	6,34	3,32	6,81	6,71	6/9/20	7,41						8,10	4,80	6,17	6,33	
1/9/20	5,50			6,65	4,17	9,61	5,97	7,76	7,27	4/9/20	3,90				6,12	4,16	5,90	3,41	6,69	5,98	6/9/20	8,05						8,52	4,72	6,70	6,21	
1/9/20	5,45			6,56	4,33	8,95	5,91	7,16	6,81	4/9/20	2,67				5,94	4,48	5,82	4,18	6,47	5,59	6/9/20	8,49						8,89	4,80	6,71	6,64	
1/9/20	5,20			6,61	4,20	8,47	6,03	7,00	6,25	4/9/20	3,03				6,10	3,92	5,73	4,10	6,10	5,51	6/9/20	8,50						8,63	4,94	6,80	6,87	
1/9/20	5,09			6,70	4,03	7,93	5,94	6,73	5,93	4/9/20	3,42				6,42	4,23	5,81	3,96	5,96	5,10	6/9/20	8,11						9,04	6,74	7,11	7,50	
1/9/20	4,81			6,66	3,85	7,83	4,89	6,61	5,99	4/9/20	3,65				6,42	4,55	5,96	3,47	6,26	4,68	6/9/20	7,95						9,05	6,94	7,42	8,28	
1/9/20	4,76			6,69	3,38	7,36	5,90	6,44	6,06	4/9/20	3,67				6,37	4,55	6,22	3,11	6,27	4,82	6/9/20	7,54						8,50	5,64	7,39	8,58	
1/9/20	4,44			6,29	3,35	7,22	5,16	5,61	6,11	4/9/20	3,94				6,37	4,80	6,42	3,31	6,14	5,32	6/9/20	6,86						8,82	6,97	7,58	8,33	
1/9/20	4,60			5,76	3,06	7,37	4,74	5,68	6,14	4/9/20	4,02				5,10	7,04	4,12	5,84	5,72	6,92	6/9/20	6,28						8,82	6,34	7,95	8,13	
1/9/20	4,61			5,59	3,01	7,59	4,31	5,39	5,99	4/9/20	4,17				5,20	7,73	4,46	5,65	5,95	6,92	6/9/20	6,05						8,60	6,47	7,96	7,95	
1/9/20	4,60			5,86	3,02	7,97	4,06	5,41	5,80	4/9/20	4,43				5,42	7,71	4,81	5,82	5,96	6/9/20	6,14						8,21	6,07	7,81	7,74		
2/9/20	4,56			6,09	4,29	7,59	3,31	5,65	5,58	4/9/20	4,43				5,66	7,54	4,70	5,86	5,84	6/9/20	6,15						7,89	6,47	7,53	7,53		
2/9/20	4,55			6,47	3,57	7,85	3,88	5,01	6,05	4/9/20	4,41				5,72	7,13	4,41	5,79	6,32	6/9/20	7,05						8,26	5,90	7,08	6,99		
2/9/20	4,70			6,02	3,64	7,59	5,45	5,46	5,93	4/9/20	4,44				5,67	6,78	4,00	5,28	6,48	6/9/20	8,21						8,56	5,18	6,72	7,09		
2/9/20	5,08			5,67	4,11	7,42	5,54	5,29	5,62	4/9/20	4,74				5,72	7,22	4,31	5,53	6,64	6/9/20	7,91						8,19	6,24	6,23	7,53		
2/9/20	5,18			5,98	4,50	7,72	4,80	5,30	5,62	4/9/20	4,94				5,70	7,28	4,99	5,44	6,81	6/9/20	7,14						8,35	6,16	6,37	7,36		
2/9/20	4,59			5,65	4,74	6,90	5,14	5,39	5,36	4/9/20	5,29				4,99	7,11	4,73	5,92	6,43	6/9/20	6,56						8,13	6,31	6,52	7,57		
2/9/20	4,41			5,41	4,36	6,24	4,80	5,71	5,91	4/9/20	5,79				5,13	8,62	5,49	5,91	6,65	6/9/20	6,13						7,99	6,61	6,99	7,90		
2/9/20	4,27			5,12	4,89	5,70	3,79	6,00	6,20	4/9/20	6,81				5,02	8,67	5,35	6,19	6,48	6/9/20	5,92						7,68	6,40	7,31	7,23		
2/9/20	4,28			5,07	4,62	5,96	3,47	5,86	5,91	4/9/20	7,57				5,32	7,52	5,34	7,04	6,75	6/9/20	5,83						7,37	6,11	7,11	6,94		
2/9/20	4,28			4,86	4,35	5,78	3,63	5,86	5,79	4/9/20	7,68				5,29	8,94	5,24	7,35	7,21	7/9/20	5,79						7,23	6,02	6,90	6,98		
2/9/20	4,12			4,84	3,08	5,88	4,09	5,32	5,52	4/9/20	7,40				4,55	9,00	5,50	7,34	7,34	7/9/20	5,54						7,27	5,77	6,67	7,13		
2/9/20	4,02			4,85	3,90	5,38	4,26	5,43	5,77	4/9/20	7,07				4,79	9,13	5,88	7,23	7,50	7/9/20	5,31						6,95	5,54	6,27	6,94		
2/9/20	4,18			4,83	4,37	5,26	4,23	5,82	5,58	4/9/20	6,70				4,18	9,01	6,41	8,10	8,49	7/9/20	6,01						6,56	5,03	6,10	6,27		
2/9/20	4,09			4,98	4,63	5,55	3,41	5,81	5,46	4/9/20	6,74				4,78	9,54	7,04	8,36	8,47	7/9/20	6,19						6,15	4,80	5,65	6,45		
2/9/20	4,00			5,29	4,53	6,30	4,23	5,69	5,81	4/9/20	6,82				5,15	9,64	6,56	8,83	8,54	7/9/20	5,86						6,13	4,39	6,09	6,30		
2/9/20	4,40			5,49	4,84	6,57	5,02	5,22	5,98	4/9/20	6,00				5,18	9,50	5,99	9,40	8,92	7/9/20	5,40						5,88	4,44	5,75	5,89		
2/9/20	4,64			5,60	4,75	6,92	4,90	5,33	6,04	4/9/20	5,97				5,78	9,39	5,42	9,71	9,3													

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l
8/9/20	6.82					5.07	9.49	4.64	4.92	6.13	10/9/20	5.77										13/9/20	4.58					5.34	6.56	4.70	5.60	5.76
8/9/20	6.85					4.94	9.99	4.58	5.18	6.37	10/9/20	5.62										13/9/20	4.74					5.64	6.71	5.03	5.61	5.86
8/9/20	7.42					3.48	10.82	4.59	5.37	6.56	11/9/20	5.30										13/9/20	4.82					5.72	6.77	5.16	5.77	5.93
8/9/20	7.52					5.51	10.10	4.57	5.26	6.70	11/9/20	4.88										13/9/20	4.95					5.23	6.90	5.34	5.83	6.32
8/9/20	7.27					5.00	9.05	4.34	5.59	6.53	11/9/20	4.76										13/9/20	5.01					4.74	6.99	5.58	5.73	7.08
8/9/20	7.10					5.30	8.70	4.16	6.00	6.55	11/9/20	5.31										13/9/20	5.83					5.52	7.43	5.34	6.00	6.95
8/9/20	7.54					5.06	8.57	3.90	6.57	6.76	11/9/20	6.14										13/9/20	6.22					5.60	7.53	5.45	6.76	7.30
8/9/20	8.01					5.26	8.45	5.59	7.11	7.30	11/9/20	6.30										13/9/20	6.59					5.40	8.72	5.92	6.64	6.89
8/9/20	8.14					4.22	9.00	6.72	7.08	7.99	11/9/20	6.24										13/9/20	7.00					5.59	9.45	5.93	7.46	7.18
8/9/20	7.89					3.89	8.97	7.04	7.29	8.87	11/9/20	6.02										13/9/20	7.63					5.40	9.47	6.12	8.05	7.79
8/9/20	7.76					3.80	8.94	6.16	7.35	9.17	11/9/20	5.52										13/9/20	7.93					4.87	9.82	6.33	8.14	8.66
8/9/20	7.27					3.86	9.05	6.30	7.22	9.10	11/9/20	5.57										13/9/20	7.98					4.68	10.54	6.49	8.82	9.01
8/9/20	6.61					4.36	8.88	6.44	7.84	8.81	11/9/20	5.40										13/9/20	9.03					4.58	10.56	7.17	8.77	9.70
8/9/20	5.99					4.25	8.99	6.11	8.18	8.40	11/9/20	5.33										13/9/20	9.17					5.15	10.07	7.51	8.81	10.03
8/9/20	6.04					4.54	8.49	6.48	7.96	8.39	11/9/20	5.22										13/9/20	9.94					5.47	10.35	8.07	8.78	10.23
8/9/20	5.71					3.89	8.58	6.16	7.68	8.00	11/9/20	5.05										13/9/20	10.31					5.61	10.51	8.25	8.52	10.42
8/9/20	6.25					4.56	8.77	5.82	7.09	8.48	11/9/20	4.94										13/9/20	10.54					5.75	10.85	8.30	8.74	10.04
8/9/20	6.49					3.56	8.88	6.14	6.53	9.18	11/9/20	4.93										13/9/20	10.28					5.38	11.35	8.02	9.03	9.20
8/9/20	6.31					3.68	8.39	5.92	6.07	9.82	11/9/20	4.79										13/9/20	10.26					5.12	11.00	8.23	7.92	8.57
8/9/20	6.32					3.15	8.02	5.97	6.22	9.10	11/9/20	4.80										13/9/20	9.93					5.73	11.95	7.46	7.39	8.20
8/9/20	6.06					3.01	7.33	5.78	6.41	8.53	11/9/20	4.99										13/9/20	9.41					6.06	12.64	6.68	7.02	7.98
9/9/20	5.99					3.65	6.58	5.63	6.57	7.95	11/9/20	4.85										13/9/20	8.47					5.74	12.30	6.67	6.59	7.72
9/9/20	5.41					3.35	6.39	5.77	6.74	7.76	11/9/20	5.15										13/9/20	7.88					5.64	11.81	6.70	6.61	7.29
9/9/20	5.04					3.37	5.74	6.00	6.81	7.42	11/9/20	5.57										13/9/20	8.19					5.66	11.46	6.40	6.30	7.09
9/9/20	5.52					3.29	5.40	5.99	6.78	7.29	11/9/20	5.83										13/9/20	8.65					4.08	12.08	6.21	6.25	7.35
9/9/20	5.52					2.70	4.97	5.82	6.68	6.99	11/9/20	6.08										13/9/20	8.59					5.88	12.03	5.91	6.28	7.28
9/9/20	5.62					3.16	5.81	5.42	6.50	6.92	11/9/20	6.45										13/9/20	8.86					5.54	11.35	5.85	6.09	7.00
9/9/20	5.70					3.54	6.46	5.26	6.35	7.13	11/9/20	5.31										13/9/20	8.49					4.83	11.43	5.73	5.80	7.03
9/9/20	5.44					3.53	6.41	5.31	5.99	7.07	11/9/20	5.01										13/9/20	7.50					4.84	10.33	6.37	5.72	7.01
9/9/20	5.20					3.45	6.94	4.85	5.81	6.75	11/9/20	4.91										13/9/20	7.56					5.77	9.78	5.92	5.56	6.88
9/9/20	5.10					3.50	7.05	4.49	5.51	6.64	11/9/20	5.63										13/9/20	7.31					5.42	11.48	5.29	5.13	6.71
9/9/20	4.80					3.78	7.28	4.37	5.37	6.94	11/9/20	6.83										14/9/20	6.50					5.20	10.84	5.78	5.55	7.37
9/9/20	4.42					3.93	6.95	4.74	4.88	6.87	11/9/20	7.33										14/9/20	6.54					5.14	10.23	6.26	4.96	7.66
9/9/20	3.95					3.93	6.78	4.61	4.80	6.54	11/9/20	7.07										14/9/20	5.30					5.22	10.34	5.48	5.95	7.57
9/9/20	3.97					3.76	6.55	4.14	4.61	6.36	11/9/20	8.07										14/9/20	5.37					5.24	9.84	5.18	5.72	7.54
9/9/20	3.87					3.43	6.65	3.33	4.41	6.07	11/9/20	8.03										14/9/20	5.01					5.16	9.62	5.28	5.18	7.47
9/9/20	3.50					3.88	6.79	3.49	5.02	5.82	11/9/20	9.43										14/9/20	4.79					5.25	10.59	4.48	4.96	6.60
9/9/20	4.31					3.92	6.38	3.56	5.58	5.82	11/9/20	9.47										14/9/20	4.76					5.22	7.60	5.38	4.75	6.33
9/9/20	4.58					3.94	6.07	3.65	5.45	6.16	11/9/20	8.68										14/9/20	3.96					4.31	8.29	5.18	4.76	6.28
9/9/20	5.07					3.58	5.91	3.90	5.47	6.22	11/9/20	9.17										14/9/20	3.20					4.60	8.35	4.83	4.59	5.98
9/9/20	5.47					3.81	6.20	4.00	5.07	6.21	11/9/20	9.72										14/9/20	3.93					3.88	7.86	4.87	4.15	5.36
9/9/20	6.04					3.77	6.77	4.27	4.92	6.07	11/9/20	9.20										14/9/20	4.15					4.15	5.97	4.23	3.79	5.21
9/9/20	6.18					3.31	7.71	3.95	5.01	6.10	11/9/20	8.64										14/9/20	3.54					4.40	4.12	4.62	4.01	6.01
9/9/20	6.96					4.15	8.49	4.38	5.27	6.09	11/9/20	8.11										14/9/20	2.79					4.72	4.25	5.14	4.65	6.33
9/9/20	6.83					4.26	8.81	4.48	5.44	6.21	11/9/20	8.55										14/9/20	3.84					4.99	4.92	5.02	4.56	6.33
9/9/20	6.75					4.66	9.19	4.61	5.69	6.22	11/9/20	8.08										14/9/20	4.58					5.27	5.46	5.26	4.79	6.38
9/9/20	6.88					4.71	9.70	4.81	5.59	6.32	11/9/20	7.98										14/9/20	4.66					5.41	5.86	5.20	4.87	6.48
9/9/20	7.07					5.19	9.62	5.09	6.03	6.70	11/9/20	7.88										14/9/20	4.13					5.57	5.77	5.23	4.85	6.46
9/9/20	6.98					5.41	9.80	5.68	5.59	6.89	11/9/20	7.46										14/9/20	4.57					5.69	6.34	5.23	4.91	6.39
9/9/20	7.23					5.22	9.74	5.75	5.96	6.75	11/9/20	6.99										14/9/20	4.95					5.80	6.32	5.17	4.91	6.23
9/9/20	7.87					3.82	10.56	5.60	5.95	6.82	12/9/20	6.68										14/9/20	4.71					5.71	6.67	5.20	4.86	6.06
9/9/20	7.70					5.50	10.86	5.27	5.98	6.35	12/9/20	6.54										14/9/20	4.81					5.22	7.05	5.31	4	

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	
	ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9		ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9		ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9	
15/9/20	8.19					4.56	11.00	8.42	7.79	8.18	18/9/20	3.92						6.45	4.59	4.63	5.29	20/9/20	5.83					5.20	8.46	6.44	5.82	5.81	
15/9/20	8.02					4.33	10.89	8.15	7.54	8.02	18/9/20	3.89						6.62	3.98	4.80	5.22	20/9/20	6.19					5.43	8.92	6.34	5.99	5.42	
15/9/20	7.78					5.10	11.53	7.81	7.43	8.07	18/9/20	3.94						6.20	4.16	4.91	5.09	20/9/20	6.41					5.50	8.82	5.97	6.41	6.43	
15/9/20	7.23					5.47	10.24	7.58	7.10	7.95	18/9/20	3.89						5.67	4.01	4.69	4.94	20/9/20	6.80					5.92	9.69	5.66	6.90	5.40	
15/9/20	7.01					5.47	9.14	7.21	6.92	7.66	18/9/20	3.50						5.69	4.51	4.46	4.74	20/9/20	6.16					6.06	9.68	5.32	6.90	6.38	
15/9/20	6.90					5.45	8.71	6.96	7.03	7.49	18/9/20	3.71						5.49	4.11	4.40	4.30	20/9/20	5.82					5.62	9.15	6.12	6.92	6.54	
15/9/20	6.86					5.41	8.43	6.90	6.66	7.40	18/9/20	3.75						5.08	3.85	4.14	4.39	20/9/20	5.90					5.12	8.98	6.25	6.91	6.66	
15/9/20	6.39					5.91	8.97	6.60	6.61	7.15	18/9/20	3.58						4.72	3.93	4.35	4.02	20/9/20	5.84					5.34	9.19	6.23	6.76	6.66	
15/9/20	6.85					5.15	10.54	6.70	6.41	6.92	18/9/20	3.51						4.25	3.45	4.50	4.07	20/9/20	5.67					5.99	9.30	6.13	6.28	6.92	
15/9/20	7.06					4.47	10.28	6.22	6.24	6.58	18/9/20	3.67						4.41	4.49	4.40	4.73	20/9/20	5.58					5.89	9.75	6.34	6.42	7.03	
15/9/20	7.79					5.41	9.41	6.22	5.65	6.31	18/9/20	3.95						5.18	4.43	4.40	4.88	20/9/20	5.38					5.91	9.48	6.29	7.02	7.04	
15/9/20	7.64					4.53	9.17	6.08	5.80	6.09	18/9/20	4.15						5.89	4.72	4.50	5.09	20/9/20	4.91					5.96	9.13	5.75	7.25	6.90	
16/9/20	6.80					5.47	9.37	5.84	5.27	6.70	18/9/20	4.54						6.63	4.74	4.68	5.24	20/9/20	4.86					5.91	8.96	5.50	7.40	6.77	
16/9/20	5.82					5.44	8.54	6.12	5.03	6.48	18/9/20	4.51						7.86	4.78	4.79	5.45	20/9/20	4.68					5.45	8.34	5.15	7.58	6.47	
16/9/20	5.53					4.81	7.18	5.67	5.32	6.71	18/9/20	4.45						7.80	4.60	4.62	5.67	20/9/20	4.62					5.28	8.59	5.55	7.11	5.64	
16/9/20	5.33					4.81	7.49	5.70	5.20	6.49	18/9/20	4.45						7.61	4.88	4.75	5.73	20/9/20	4.62					5.08	8.51	5.14	7.13	5.93	
16/9/20	5.19					4.74	7.97	5.30	5.06	6.12	18/9/20	4.45						7.53	5.14	5.34	5.87	20/9/20	4.77					4.99	7.89	5.02	6.72	6.30	
16/9/20	4.87					4.39	8.25	5.15	5.36	5.63	18/9/20	4.36						7.71	4.92	5.62	5.58	20/9/20	4.69					4.89	7.66	5.44	6.35	6.63	
16/9/20	4.64					4.43	8.66	4.60	5.58	5.72	18/9/20	4.54						7.73	5.43	5.77	5.43	20/9/20	4.55					5.02	7.46	6.20	6.41	6.70	
16/9/20	4.29					4.47	8.15	4.83	5.55	5.79	18/9/20	5.04						7.39	5.35	5.94	5.99	20/9/20	4.45					5.15	7.49	6.21	6.36	6.61	
16/9/20	3.91					4.74	7.68	4.69	5.33	5.51	18/9/20	5.74						7.63	5.30	6.34	6.34	20/9/20	4.43					4.98	7.78	6.10	6.30	6.54	
16/9/20	3.15					4.94	7.75	4.88	5.05	4.51	18/9/20	6.32						7.57	5.29	7.11	6.39	20/9/20	4.31					5.55	7.91	6.05	6.17	6.59	
16/9/20	3.30					4.39	7.48	4.51	4.39	4.47	18/9/20	6.73						8.82	4.83	6.50	6.34	21/9/20	4.13					5.53	7.02	5.88	6.17	6.57	
16/9/20	3.60					4.16	7.39	4.79	4.49	4.19	18/9/20	6.10						8.65	6.00	6.90	6.85	21/9/20	4.14					5.37	6.19	5.76	6.26	6.36	
16/9/20	3.65					3.95	5.83	4.57	4.15	4.15	18/9/20	5.91						9.00	6.38	7.11	6.88	21/9/20	4.32					5.17	6.13	5.66	6.22	6.15	
16/9/20	3.54					3.98	4.73	4.04	3.80	4.41	18/9/20	5.75						9.60	6.18	6.28	6.86	21/9/20	4.19					4.34	6.55	5.43	5.96	6.12	
16/9/20	3.33					4.53	4.48	4.17	4.10	5.07	18/9/20	5.61						10.01	6.11	6.65	6.73	21/9/20	4.15					4.13	6.00	5.18	5.88	5.50	
16/9/20	3.77					4.61	4.67	4.61	4.51	5.25	18/9/20	5.44						9.98	5.64	6.94	6.60	21/9/20	4.35					4.18	5.87	4.82	5.84	5.19	
16/9/20	4.12					4.86	5.09	4.92	4.54	5.37	18/9/20	5.09						9.97	6.21	7.42	6.59	21/9/20	4.40					4.04	5.74	4.76	5.65	5.62	
16/9/20	4.36					5.39	5.47	5.04	4.69	5.53	18/9/20	4.74						9.76	6.14	7.27	6.46	21/9/20	4.37					4.51	5.46	4.46	5.73	5.81	
16/9/20	4.58					5.47	6.01	5.05	4.77	5.62	18/9/20	5.26						9.49	5.94	6.84	5.91	21/9/20	4.25					4.83	6.91	4.13	5.45	5.81	
16/9/20	4.86					5.44	6.39	5.11	4.89	5.76	18/9/20	5.39						8.20	5.79	6.30	5.61	21/9/20	4.25					4.44	6.28	4.12	4.98	5.63	
16/9/20	4.96					5.59	6.53	4.74	4.66	5.88	18/9/20	5.52						7.78	5.25	6.11	5.91	21/9/20	3.92					4.21	6.02	4.78	5.04	5.48	
16/9/20	4.32					5.65	6.78	5.21	4.78	5.95	18/9/20	5.07						7.43	5.15	5.90	6.14	21/9/20	3.77					4.22	6.14	4.96	5.17	5.37	
16/9/20	4.52					5.51	7.08	4.34	5.22	6.12	18/9/20	5.12					4.59	7.05	6.51	6.00	6.48	21/9/20	3.74					4.33	6.18	4.61	4.89	5.16	
16/9/20	5.89					5.26	7.08	3.86	5.76	5.74	18/9/20	5.11						5.52	6.62	6.75	6.05	6.64	21/9/20	3.56					4.54	6.03	4.09	4.67	5.01
16/9/20	6.43					4.91	7.90	3.98	5.77	6.15	18/9/20	5.09						5.78	6.44	6.65	6.13	6.70	21/9/20	3.25					4.25	6.17	3.88	4.99	5.82
16/9/20	6.84					5.43	7.51	4.18	6.21	6.52	18/9/20	5.10						5.85	6.10	6.56	6.33	6.50	21/9/20	3.44					4.24	6.15	3.93	5.31	4.89
16/9/20	6.45					5.05	6.61	4.31	6.24	6.47	18/9/20	5.05						5.90	6.89	6.28	6.45	6.55	21/9/20	3.72					4.60	5.98	3.67	5.29	4.81
16/9/20	6.77					5.65	5.62	3.90	6.33	6.41	18/9/20	4.60						5.95	6.00	6.00	6.71	6.27	21/9/20	4.27					4.57	6.16	4.02	5.08	5.17
16/9/20	6.78					5.13	9.01	4.73	5.70	6.77	18/9/20	4.64						5.83	5.66	6.04	6.64	6.27	21/9/20	4.36					4.86	6.18	4.41	4.76	5.33
16/9/20	6.60					4.53	10.74	5.76	6.37	6.93	19/9/20	4.82						5.49	5.64	5.76	6.27	6.14	21/9/20	4.57					5.21	5.90	4.64	4.78	5.44
16/9/20	6.67					4.37	11.67	6.45	6.70	6.84	19/9/20	4.83						5.15	5.80	5.57	6.36	5.78	21/9/20	4.75					5.40	6.07	4.96	4.86	5.46
16/9/20	6.70					4.66	11.35	6.80	6.89	7.32	19/9/20	5.03						5.06	5.92	5.24	6.33	5.76	21/9/20	4.96					5.46	6.53	4.94	5.08	5.47
16/9/20	6.93					4.82	11.71	6.52	7.70	7.79	19/9/20	5.01						5.32	6.00	4.99	5.79	5.94	21/9/20	5.17					5.58	6.73	4.92	5.20	5.56
16/9/20	5.62					5.27	11.71	6.42	8.04	8.13	19/9/20	4.83						5.33	5.82	4.93	5.65	5.98	21/9/20	5.13					5.70	7.10	5.00	5.33	5.57
16/9/20	7.17					5.16	11.99	6.32	8.00	8.44	19/9/20	4.52						5.09	6.00	4.62	5.48	6.05	21/9/20	5.63					5.87	7.26	4.84	5.50	5.82
16/9/20	7.71					4.76	11.71	6.28	7.68	8.16	19/9/20	4.79						4.77	5.80														

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	
22/9/20	4.32						6.62	5.32	4.33	6.23	25/9/20	5.32						5.97	5.62	4.81	5.10	5.68	27/9/20	5.75					6.16	6.27	7.06	5.16	6.64
22/9/20	4.06						6.41	5.31	3.78	6.21	25/9/20	5.15						6.05	5.50	4.73	4.91	5.68	27/9/20	5.71					5.79	6.52	7.01	5.20	6.60
22/9/20	4.53						6.36	5.88	3.42	6.34	25/9/20	5.68						5.89	5.71	4.64	4.98	5.79	27/9/20	5.76					5.69	6.81	6.73	5.35	6.69
23/9/20	4.37						6.27	5.40	3.81	6.33	25/9/20	5.85						5.74	5.75	4.70	5.06	5.73	27/9/20	5.81					5.60	6.66	6.58	5.38	6.83
23/9/20	4.38						6.19	5.45	4.30	6.18	25/9/20	5.63						5.63	6.02	4.41	5.09	5.83	27/9/20	5.75					5.42	6.72	6.43	5.31	6.87
23/9/20	4.40						6.15	5.44	4.31	6.09	25/9/20	5.42						5.91	6.19	4.63	5.13	6.47	27/9/20	5.82					5.29	6.50	6.48	5.35	6.90
23/9/20	4.56						5.95	5.29	4.43	6.00	25/9/20	5.33						5.94	6.06	4.51	5.59	6.22	27/9/20	6.01					6.26	6.39	6.23	5.48	6.89
23/9/20	4.38						5.50	5.25	4.49	6.03	25/9/20	5.31						6.15	6.18	4.57	5.80	5.86	27/9/20	6.14					6.40	6.08	6.21	5.48	6.85
23/9/20	4.37						5.21	5.29	4.48	6.00	25/9/20	6.01						6.27	6.26	4.63	5.81	6.10	27/9/20	6.23					6.33	5.82	6.26	5.47	6.78
23/9/20	4.00						5.17	5.23	4.42	5.79	25/9/20	5.64						6.50	6.67	4.61	6.35	6.46	27/9/20	6.24					6.39	5.95	6.21	5.44	6.72
23/9/20	4.47						5.79	5.06	4.57	5.84	25/9/20	5.93						6.77	7.12	4.97	6.70	6.39	27/9/20	6.14					6.42	6.22	6.22	5.41	6.37
23/9/20	5.20						5.67	4.95	4.56	5.24	25/9/20	6.20						6.40	7.78	5.17	6.93	6.22	27/9/20	5.85					6.29	6.14	6.14	5.36	6.53
23/9/20	4.88						6.03	4.82	4.29	5.47	25/9/20	5.71						5.99	7.60	6.19	7.06	6.22	27/9/20	5.85					6.09	6.05	6.10	5.29	6.33
23/9/20	4.34						5.80	4.84	4.11	5.28	25/9/20	5.93						6.38	7.20	6.08	6.54	6.14	28/9/20	5.71					5.98	6.07	6.37	5.24	6.85
23/9/20	4.15						5.02	4.22	4.09	5.04	25/9/20	5.87						5.71	7.48	6.25	6.04	5.66	28/9/20	5.70					5.84	6.61	5.25	6.64	
23/9/20	4.11						6.42	3.84	3.70	5.42	25/9/20	5.81						6.34	7.43	6.29	5.63	5.65	28/9/20	5.59					5.73	6.90	5.27	6.64	
23/9/20	4.01						6.51	3.42	3.47	5.41	25/9/20	5.62						6.22	7.05	6.32	4.99	5.64	28/9/20	5.60					5.68	6.87	5.23	6.66	
23/9/20	3.82						6.62	3.30	3.37	5.08	25/9/20	5.56						5.69	6.84	6.38	5.04	6.26	28/9/20	5.74					5.61	7.25	5.17	6.84	
23/9/20	4.19						6.67	3.36	3.26	5.16	25/9/20	5.29						6.00	6.86	6.27	4.81	6.58	28/9/20	5.85					5.70	6.91	5.31	6.82	
23/9/20	4.23						6.58	3.22	3.08	5.20	25/9/20	5.33						6.60	6.81	5.93	4.85	6.73	28/9/20	5.88					6.08	7.24	5.44	6.69	
23/9/20	4.11						6.61	3.38	2.97	5.35	25/9/20	5.42						6.49	6.62	5.25	4.95	6.54	28/9/20	5.89					6.00	6.77	5.72	6.85	
23/9/20	4.53						6.69	4.17	3.18	5.40	25/9/20	5.36						6.28	6.53	5.50	4.84	6.10	28/9/20	5.76					5.67	6.78	5.88	6.49	
23/9/20	4.52						6.34	4.70	3.42	5.30	25/9/20	5.34						6.12	6.42	5.56	4.89	5.70	28/9/20	5.69					5.57	6.78	5.86	6.56	
23/9/20	4.47						6.57	4.49	3.58	5.27	25/9/20	5.52						6.33	6.51	5.73	4.26	5.75	28/9/20	5.75					5.68	6.49	5.82	6.60	
23/9/20	4.99						6.72	4.27	3.79	5.35	25/9/20	5.78						6.23	6.59	5.46	4.16	5.91	28/9/20	5.65					5.78	6.87	5.75	6.73	
23/9/20	4.72						6.74	4.09	3.90	5.45	25/9/20	5.82						6.39	6.34	5.24	4.38	6.10	28/9/20	5.61					6.28	6.72	5.63	6.85	
23/9/20	5.58						6.84	4.35	4.17	5.50	25/9/20	5.82						6.71	6.16	5.63	4.48	5.87	28/9/20	5.67					5.97	6.48	5.79	6.91	
23/9/20	5.90						7.14	4.33	4.48	5.64	25/9/20	5.51						6.59	6.16	5.10	4.36	5.75	28/9/20	5.79					5.92	6.55	5.73	6.85	
23/9/20	6.29						7.24	4.48	4.59	5.81	25/9/20	5.36						6.41	6.18	5.03	4.27	5.87	28/9/20	5.70					6.04	6.39	5.63	6.81	
23/9/20	6.49						7.17	4.33	4.72	5.96	25/9/20	5.25						6.26	6.10	5.62	4.18	5.91	28/9/20	5.62					6.00	6.24	5.42	6.79	
23/9/20	7.73						7.62	4.35	4.68	5.93	25/9/20	5.34						6.33	5.81	5.00	4.21	5.78	28/9/20	5.38					5.95	6.17	5.40	6.84	
23/9/20	7.39						7.80	4.59	4.67	6.04	25/9/20	5.12						6.02	5.62	4.94	4.08	5.68	28/9/20	5.63					6.01	6.09	5.28	6.78	
23/9/20	6.79						8.25	4.94	4.73	6.18	26/9/20	4.82						5.80	5.38	5.24	3.91	5.63	28/9/20	5.71					6.04	5.91	5.22	6.74	
23/9/20	7.97						8.01	4.93	4.64	6.31	26/9/20	5.05						5.70	5.66	5.73	3.61	5.26	28/9/20	5.96					5.88	5.87	5.12	6.73	
23/9/20	8.12						8.01	4.90	4.59	6.61	26/9/20	4.82						5.59	5.99	5.47	4.21	5.22	28/9/20	6.13					6.09	5.79	4.97	6.68	
23/9/20	7.37						8.24	5.17	5.64	6.52	26/9/20	4.92						5.73	5.97	5.33	4.19	6.03	28/9/20	6.18					6.26	5.72	5.04	6.57	
23/9/20	8.16						8.24	5.26	6.19	6.66	26/9/20	4.89						6.04	6.08	5.64	4.16	5.81	28/9/20	6.21					6.46	5.91	5.02	6.86	
23/9/20	8.39						8.58	5.87	6.14	6.61	26/9/20	4.63						5.86	6.02	5.96	4.11	5.68	28/9/20	6.17					6.54	5.63	5.19	6.76	
23/9/20	7.46						9.36	6.26	6.22	6.55	26/9/20	4.82						5.94	6.07	5.49	4.21	5.86	28/9/20	5.97					6.68	6.13	5.54	6.84	
23/9/20	6.69						9.31	6.44	6.49	6.47	26/9/20	5.05						6.13	6.13	6.31	4.49	6.30	28/9/20	5.85					6.82	6.56	6.62	6.99	
23/9/20	5.61						9.18	5.96	5.89	6.19	26/9/20	5.14						5.98	6.05	6.35	4.49	6.23	28/9/20	5.88					6.96	6.55	5.55	6.93	
23/9/20	5.44						8.98	6.00	5.61	6.23	26/9/20	5.10						5.82	5.83	6.27	4.58	5.95	28/9/20	6.17					7.08	6.85	5.39	6.84	
23/9/20	5.38						8.40	6.25	5.53	6.09	26/9/20	4.81						6.05	5.53	6.36	4.49	6.20	28/9/20	6.25					7.23	6.89	5.54	6.83	
23/9/20	5.15						8.24	6.19	5.20	6.00	26/9/20	4.68						6.06	5.53	6.03	4.45	6.12	28/9/20	6.14					7.20	7.03	5.92	6.83	
23/9/20	4.97						8.40	5.09	5.00	6.26	26/9/20	4.50						5.91	5.51	5.28	4.61	6.10	28/9/20	6.13					7.33	7.06	6.09	6.75	
23/9/20	4.91						8.65	5.31	4.95	5.82	26/9/20	4.73						5.89	5.26	5.39	4.45	6.14	28/9/20	5.37					7.20	7.58	6.34	6.73	
23/9/20	3.85						8.60	5.49	5.11	5.96	26/9/20	4.66						6.05	5.25	5.26	4.40	6.24	28/9/20	5.96					7.22	7.67	6.59	6.93	
23/9/20	4.48						8.04	4.51	4.89	6.19	26/9/20	4.80						6.03	5.54	5.16	4.29	6.18	28/9/20	6.26					7.45	7.45	6.45	6.92	
23/9/20	4.82																																

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	
	ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9		ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9		ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9	
30/9/20	5.59						7.61	7.41	6.10	7.07	2/10/20	5.67						6.78	6.59	5.43	5.60	6.36	4/10/20	5.01					6.32	6.39	6.74	6.18	6.46
30/9/20	5.43						7.22	6.94	6.55	7.08	2/10/20	5.89						6.65	6.97	5.22	5.67	6.37	4/10/20	5.29					6.49	6.59	6.81	6.28	6.40
30/9/20	5.36						7.23	6.92	6.90	7.14	2/10/20	5.78						6.91	6.94	5.12	5.76	6.43	4/10/20	5.33					6.49	6.70	6.76	6.23	6.40
30/9/20	4.98						7.43	6.88	7.00	6.81	2/10/20	5.75						6.80	7.16	5.35	5.94	6.44	4/10/20	5.40					6.41	6.62	6.67	6.20	6.42
30/9/20	5.04						7.49	6.59	6.80	6.45	2/10/20	5.76						6.37	7.34	5.75	6.07	6.64	5/10/20	5.59					6.38	6.67	6.70	6.18	6.30
30/9/20	5.08						7.69	6.56	6.63	6.45	2/10/20	5.78						6.11	7.62	5.47	6.32	6.67	5/10/20	5.72					6.18	6.49	6.53	6.13	5.85
30/9/20	4.96						7.03	6.22	6.40	6.60	2/10/20	5.91						6.29	7.90	6.28	6.40	6.86	5/10/20	5.85					6.32	6.23	6.48	6.09	5.76
30/9/20	4.97						6.88	5.59	6.10	6.99	2/10/20	5.97						6.33	8.00	6.50	6.56	6.71	5/10/20	5.84					6.10	6.10	6.09	6.00	6.44
30/9/20	4.99						7.08	6.30	6.05	7.12	2/10/20	5.96						6.36	8.17	6.51	6.53	6.71	5/10/20	5.78					6.12	6.21	6.12	5.86	6.29
30/9/20	5.04						6.78	6.52	6.28	7.13	2/10/20	5.83						6.39	7.91	6.35	6.39	6.93	5/10/20	5.82					6.40	6.18	5.81	5.85	6.29
30/9/20	5.28						6.98	6.53	6.21	7.02	2/10/20	5.71						6.38	7.65	5.97	5.86	6.94	5/10/20	5.96					6.39	6.39	6.22	5.58	6.35
30/9/20	5.65						6.82	6.59	6.19	7.00	2/10/20	5.64						6.36	7.46	5.74	5.69	6.56	5/10/20	5.92					6.40	6.51	6.45	5.37	6.35
30/9/20	5.86						6.91	6.57	6.15	7.03	2/10/20	5.66						6.36	7.22	5.97	5.58	6.41	5/10/20	5.66					6.35	6.40	6.50	5.40	6.41
30/9/20	6.09						7.09	6.38	6.05	6.94	2/10/20	5.82						6.40	7.02	5.99	5.51	6.73	5/10/20	5.40					6.35	6.41	6.47	5.31	6.38
30/9/20	6.27						7.22	6.13	5.80	6.94	2/10/20	5.74						6.27	7.23	5.62	5.45	6.96	5/10/20	5.16					6.34	6.42	6.52	5.26	6.31
30/9/20	6.52						7.25	6.06	5.67	6.94	2/10/20	5.75						6.32	7.21	5.96	5.63	6.86	5/10/20	4.43					6.33	6.11	6.61	5.24	6.23
30/9/20	6.98						7.10	6.08	5.61	6.95	2/10/20	5.83						6.57	7.35	5.86	5.84	6.71	5/10/20	4.51					6.34	6.14	6.46	5.36	6.12
30/9/20	6.89					7.14	7.52	6.17	5.51	6.96	2/10/20	5.95						6.65	7.41	6.00	5.89	6.69	5/10/20	5.02					6.28	6.16	6.34	5.47	6.15
30/9/20	6.95						7.61	8.13	6.26	5.55	6.69	2/10/20	5.89					6.73	7.32	5.88	6.02	6.59	5/10/20	4.98					6.34	6.08	5.92	5.35	6.20
30/9/20	6.74						7.10	8.10	6.10	5.75	7.06	2/10/20	5.88					6.81	7.30	6.07	6.01	6.62	5/10/20	4.94					6.30	5.93	5.41	5.12	6.40
30/9/20	7.17						7.02	8.47	6.24	6.03	6.98	2/10/20	5.96					6.82	6.98	5.89	6.00	6.57	5/10/20	4.80					6.25	6.03	5.93	5.27	6.38
30/9/20	7.29						6.91	9.09	6.31	6.60	7.18	2/10/20	5.99					6.70	6.71	6.23	5.90	6.48	5/10/20	5.42					6.32	6.09	5.65	5.44	6.25
30/9/20	7.45						6.73	9.23	6.85	6.59	7.29	2/10/20	6.03					6.43	6.44	5.90	5.69	6.44	5/10/20	5.70					6.51	6.30	5.67	5.46	6.29
30/9/20	7.26						6.70	9.08	7.20	6.80	7.28	3/10/20	5.94					6.61	6.42	5.82	5.84	6.23	5/10/20	5.82					6.59	6.49	6.12	5.42	6.30
30/9/20	7.26						6.64	9.47	6.32	7.14	7.40	3/10/20	5.94					6.36	6.55	5.56	5.84	6.20	5/10/20	6.01					6.72	6.67	6.02	5.50	6.35
30/9/20	7.23						6.72	9.81	8.03	6.94	7.66	3/10/20	5.79					6.40	6.80	6.01	5.66	6.15	5/10/20	6.14					6.76	6.71	5.97	5.59	6.36
30/9/20	7.12						6.90	9.95	7.35	7.22	8.05	3/10/20	5.69					6.07	7.10	5.72	5.60	6.10	5/10/20	6.29					6.90	6.89	5.86	5.68	6.37
30/9/20	7.33						7.06	9.82	7.62	7.34	8.48	3/10/20	5.57					5.84	6.78	5.47	5.59	6.27	5/10/20	6.36					6.93	6.82	5.88	5.80	6.33
30/9/20	7.89						7.05	10.08	7.53	7.56	8.16	3/10/20	5.74					6.03	6.63	5.87	5.55	6.23	5/10/20	6.33					6.79	6.97	5.77	6.04	6.31
30/9/20	8.16						7.01	10.05	7.59	7.65	8.37	3/10/20	5.78					6.12	6.35	6.03	5.56	6.41	5/10/20	6.43					6.65	7.17	6.08	5.07	6.26
30/9/20	7.89						6.89	10.18	7.58	7.66	8.24	3/10/20	5.62					6.16	6.21	6.19	5.55	6.29	5/10/20	6.54					7.12	7.46	5.55	5.10	
30/9/20	7.64						6.59	9.91	8.43	7.58	8.32	3/10/20	5.51					6.19	6.22	6.10	5.38	6.31	5/10/20	6.47					7.15	7.76	5.61	6.53	
30/9/20	7.65						6.80	9.66	9.27	7.79	8.05	3/10/20	5.31					6.21	6.14	6.10	5.14	6.28	5/10/20	6.53					6.90	7.90	5.78	6.28	
30/9/20	7.96						7.11	9.02	8.93	7.59	7.90	3/10/20	5.35					6.18	5.85	6.28	4.97	6.31	5/10/20	6.88					6.90	7.91	6.13	6.08	
30/9/20	7.73						7.12	8.44	8.22	7.42	7.82	3/10/20	5.52					6.09	6.02	6.33	4.93	5.87	5/10/20	6.46					6.82	7.94	6.90	6.36	
30/9/20	7.33						7.15	8.34	8.09	7.16	7.67	3/10/20	5.57					6.13	6.09	6.01	4.86	5.75	5/10/20	6.34					6.51	8.19	6.91	6.80	
30/9/20	7.30						7.11	8.74	7.73	6.90	7.61	3/10/20	5.48					6.28	6.25	5.79	4.65	5.91	5/10/20	6.20					6.38	8.08	7.10	7.08	
30/9/20	7.20						7.17	8.90	7.61	6.66	7.63	3/10/20	5.45					6.19	6.31	5.62	4.77	6.33	5/10/20	6.02					6.64	8.46	7.12	7.09	
30/9/20	6.98						7.09	8.79	7.31	6.44	7.58	3/10/20	5.61					6.13	6.34	5.35	4.98	6.16	5/10/20	5.93					7.02	8.46	6.95	7.07	
30/9/20	7.28						6.91	8.70	7.29	6.20	7.59	3/10/20	5.67					6.23	6.32	5.28	5.11	6.20	5/10/20	5.80					7.01	8.39	6.93	7.03	
30/9/20	7.21						7.02	8.64	7.13	6.09	7.25	3/10/20	5.88					6.35	6.33	5.08	5.01	6.10	5/10/20	5.73					7.04	8.21	6.64	7.06	
30/9/20	7.05						6.73	8.28	7.18	5.95	7.16	3/10/20	5.94					6.22	6.19	5.28	5.12	6.04	5/10/20	5.62					7.06	8.07	6.41	7.03	
1/10/20	7.35						6.72	7.88	7.04	5.65	7.10	3/10/20	5.97					6.02	6.45	5.38	5.23	6.02	5/10/20	5.49					7.02	8.05	6.44	6.82	
1/10/20	7.62						7.00	8.10	6.63	5.77	7.22	3/10/20	5.82					5.78	6.26	5.26	5.25	5.85	5/10/20	5.44					6.94	8.29	6.55	6.80	
1/10/20	7.34						6.84	8.35	7.31	5.80	7.23	3/10/20	5.95					5.86	6.26	5.19	5.31	6.09	5/10/20	5.09					6.76	8.01	6.58	7.18	
1/10/20	6.83						6.58	8.37	6.82	5.69	7.35	3/10/20	5.97					5.90	6.24	5.24	5.32	5.98	5/10/20	5.37					6.93	8.00	6.42	7.11	
1/10/20	6.45						6.43	8.41	6.93	5.75	7.54	3/10/20	5.99					5.94	6.22	5.20	5.29	6.04	5/10/20	5.67					6.91	7.90	6.06	7.07	
1/10/20																																	

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l
7/10/20	5.09					6.63	6.75		5.13	6.27	9/10/20	8.41					7.87	10.63		8.96	7.25	12/10/20	5.32					7.22	7.11		6.60	6.49
7/10/20	5.07					6.64	6.33		5.19	6.31	9/10/20	8.42					7.81	10.34		8.97	7.06	12/10/20	5.24					7.33	7.18		6.53	6.42
7/10/20	5.04					6.80	6.46		5.46	6.33	9/10/20	8.46					7.86	9.65		8.47	7.17	12/10/20	5.22					7.45	7.06		6.48	6.51
7/10/20	5.22					6.67	6.58		5.81	6.26	9/10/20	8.42					7.89	9.56		7.89	7.54	12/10/20	5.24					7.32	6.96		6.38	6.83
7/10/20	5.55					6.81	6.64		5.95	6.21	9/10/20	8.02					7.91	9.90		7.41	7.47	12/10/20	5.20					7.28	6.85		6.42	6.94
7/10/20	6.03					6.73	6.63		5.97	6.09	9/10/20	7.64					7.98	9.87		7.09	7.49	12/10/20	5.14					7.22	6.99		6.49	6.96
7/10/20	6.59					6.92	7.21		6.08	6.15	9/10/20	7.64					8.01	9.77		6.88	7.42	12/10/20	5.10					7.14	6.82		6.45	6.98
7/10/20	6.86					6.99	7.45		6.15	6.17	9/10/20	7.17					8.10	9.48		6.73	7.62	12/10/20	5.17					7.11	6.71		6.37	6.96
7/10/20	6.98					7.20	7.68		6.21	6.21	9/10/20	7.14					8.07	9.39		6.64	7.73	12/10/20	5.32					7.12	6.71		6.32	6.95
7/10/20	7.04					7.30	7.82		6.23	6.26	9/10/20	6.96					8.00	8.87		6.76	8.02	12/10/20	5.19					7.12	6.70		6.25	6.93
7/10/20	7.24					7.43	7.86		6.14	6.38	9/10/20	6.90					7.90	8.97		6.80	7.86	12/10/20	5.19					7.06	6.67		6.21	6.91
7/10/20	7.49					7.11	8.01		6.11	6.19	9/10/20	6.56					8.00	8.93		6.74	7.83	12/10/20	4.85					7.06	6.66		6.18	6.90
7/10/20	7.72					7.37	8.06		6.19	5.92	9/10/20	6.67					7.86	8.67		6.37	8.32	12/10/20	4.98					7.06	6.67		6.23	6.90
7/10/20	7.79					6.85	7.85		6.19	6.10	9/10/20	6.85					7.72	8.51		6.00	8.30	12/10/20	5.17					6.91	6.59		6.15	6.95
7/10/20	7.19					7.12	7.87		6.84	6.55	10/10/20	7.03					7.52	8.44		5.70	7.96	12/10/20	5.17					7.07	6.78		6.16	6.80
7/10/20	6.66					7.11	8.09		7.54	6.53	10/10/20	6.91					7.65	8.58		5.49	7.57	12/10/20	5.37					6.84	6.85		6.13	6.66
7/10/20	6.20					6.88	8.31		8.10	6.57	10/10/20	7.18					7.63	8.65		5.72	7.61	12/10/20	5.77					6.93	6.84		6.06	6.70
7/10/20	5.99					6.77	8.56		8.58	6.61	10/10/20	7.20					7.49	8.84		5.97	7.28	12/10/20	6.08					6.96	7.05		6.15	6.80
7/10/20	6.02					6.62	8.79		8.80	6.67	10/10/20	6.98					7.34	8.85		6.17	7.07	12/10/20	6.22					7.12	7.34		6.19	6.60
7/10/20	6.03					6.79	9.06		8.62	6.73	10/10/20	7.08					7.34	8.70		6.31	6.87	12/10/20	6.19					7.16	7.46		6.54	6.50
7/10/20	5.97					7.00	9.34		8.15	7.59	10/10/20	7.20					7.34	8.33		6.53	6.86	12/10/20	5.90					7.28	7.73		6.86	6.63
7/10/20	6.05					6.92	9.48		7.59	7.97	10/10/20	7.20					7.46	7.73		6.80	6.68	12/10/20	5.72					7.00	8.12		6.87	6.99
7/10/20	5.96					6.88	9.51		7.19	7.99	10/10/20	7.11					7.42	8.73		7.03	6.71	12/10/20	5.63					7.50	7.92		6.84	6.62
7/10/20	5.71					6.90	9.48		7.01	7.85	10/10/20	6.94					7.52	9.03		7.15	6.76	12/10/20	5.63					7.60	7.75		6.93	6.75
7/10/20	5.31					7.03	9.35		6.87	7.98	10/10/20	6.52					7.49	8.90		7.26	6.98	12/10/20	5.62					7.59	7.82		7.36	6.72
7/10/20	5.36					7.07	9.34		6.78	7.96	10/10/20	6.64					7.33	8.46		7.32	7.01	12/10/20	5.81					7.49	7.83		7.60	7.04
7/10/20	5.26					6.95	9.36		6.72	7.69	10/10/20	6.82					7.46	8.29		7.24	7.06	12/10/20	5.85					7.51	7.97		7.60	7.03
7/10/20	5.01					6.94	9.01		6.60	7.96	10/10/20	6.65					7.40	8.07		7.15	7.02	12/10/20	6.19					7.35	8.03		7.42	6.98
7/10/20	4.74					6.85	8.91		6.36	8.03	10/10/20	6.67					7.34	7.50		7.14	6.95	12/10/20	6.49					7.37	8.32		7.34	7.01
7/10/20	4.82					6.76	8.59		6.08	7.79	10/10/20	7.16					7.19	7.10		7.10	6.92	12/10/20	6.49					7.16	8.37		7.46	7.00
7/10/20	5.33					6.66	8.56		6.05	7.80	10/10/20	6.80					6.99	7.45		7.07	6.95	12/10/20	6.41					7.19	8.46		7.43	7.07
7/10/20	5.37					6.46	8.45		6.33	7.74	10/10/20	6.77					6.98	7.46		7.02	6.65	12/10/20	6.09					7.19	8.11		7.19	6.97
7/10/20	5.57					6.56	8.22		6.67	7.46	10/10/20	6.93					7.01	7.64		6.99	6.90	12/10/20	5.81					7.17	7.83		7.06	6.85
8/10/20	5.63					6.66	7.91		6.68	7.21	10/10/20	6.77					7.20	7.37		6.93	6.84	12/10/20	5.84					7.05	7.68		6.96	6.86
8/10/20	5.48					6.71	7.53		6.75	7.01	10/10/20	6.98					7.33	7.52		6.84	6.85	12/10/20	5.53					7.30	7.85		6.84	6.91
8/10/20	5.46					6.83	7.67		6.80	6.92	10/10/20	6.91					7.31	7.48		6.69	6.75	12/10/20	5.14					7.17	8.03		6.71	6.85
8/10/20	5.43					6.77	7.66		6.82	6.90	10/10/20	7.04					7.96	7.65		6.84	6.80	12/10/20	5.25					7.05	8.14		6.59	6.77
8/10/20	5.94					6.74	7.45		6.77	6.83	10/10/20	6.98					7.51	7.73		7.92	6.48	12/10/20	5.82					7.55	8.12		6.53	6.71
8/10/20	6.06					6.22	7.50		6.74	6.39	10/10/20	6.97					7.84	7.85		8.49	7.11	12/10/20	6.27					7.11	7.97		6.56	6.38
8/10/20	5.80					6.50	7.43		6.75	6.07	10/10/20	7.12					8.01	9.47		8.84	7.21	12/10/20	6.39					7.16	7.89		6.61	6.90
8/10/20	5.64					6.30	7.24		6.66	6.39	10/10/20	7.29					8.00	8.61		8.99	6.71	12/10/20	6.42					7.31	7.76		6.40	6.71
8/10/20	5.17					6.11	7.65		6.33	6.27	10/10/20	7.57					8.65	7.86		9.45	7.27	12/10/20	6.28					7.12	7.52		6.29	6.68
8/10/20	5.26					5.98	8.08		6.18	6.21	10/10/20	7.47					8.05	8.98		9.00	7.96	12/10/20	6.19					6.97	7.41		6.23	6.48
8/10/20	5.24					6.06	7.96		5.99	6.42	10/10/20	8.09					8.11	8.49		8.56	7.64	13/10/20	5.99					7.00	7.56		6.25	6.82
8/10/20	5.35					6.40	7.78		5.70	6.54	10/10/20	8.42					8.08	8.79		8.35	7.31	13/10/20	5.86					7.20	7.45		6.39	6.72
8/10/20	5.36					6.98	7.77		5.52	6.68	10/10/20	8.48					7.92	9.78		8.50	6.88	13/10/20	5.74					7.43	6.96		6.57	6.76
8/10/20	5.41					6.54	7.29		5.31	6.73	10/10/20	8.17					7.89	10.14		8.70	6.72	13/10/20	5.81					7.49	6.81		6.52	6.62
8/10/20	5.59					6.85	7.03		5.03	6.68	10/10/20	8.21					7.91	9.50		8.64	7.04	13/10/20	5.83					7.56	6.83		6.43	6.38
8/10/20	5.64					6.74	6.78		4.85	6.65	10/10/20	7.87					8.00	9.39		8.48	7.04	13/10/20	5.81					7.67	6.67		6.43	6.12
8/10/20	5.78					6.78	6.67		4																							

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9		ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9		ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9
14/10/20	6.22					7.09	8.26	7.94	6.36	6.44	16/10/20	6.72					7.55	7.14	8.81	7.32	7.67	19/10/20	6.13					7.43	6.67	7.64	6.06	6.96
14/10/20	6.39					7.04	8.20	7.98	6.92	6.45	16/10/20	6.70					7.56	7.58	8.71	7.04	7.59	19/10/20	6.00					7.36	6.74	7.60	5.99	7.30
14/10/20	6.51					6.88	8.34	8.39	7.13	6.60	16/10/20	6.80					7.60	7.49	8.67	6.89	7.15	19/10/20	6.10					7.26	6.82	7.47	6.12	7.35
14/10/20	6.57					6.66	8.90	8.68	7.39	6.77	16/10/20	6.94					7.57	7.36	8.71	6.61	7.44	19/10/20	6.03					7.32	6.82	7.38	6.44	7.34
14/10/20	6.44					6.74	9.27	8.78	7.68	6.85	16/10/20	6.98					7.41	7.24	8.72	6.29	7.41	19/10/20	6.00					7.43	6.79	7.61	6.54	7.23
14/10/20	6.16					6.86	9.31	8.91	7.87	6.81	17/10/20	6.56					7.28	7.15	8.97	6.03	7.35	19/10/20	6.08					7.51	6.92	7.63	6.55	7.17
14/10/20	5.99					6.99	9.27	8.09	8.01	6.84	17/10/20	6.37					7.34	7.21	9.24	5.94	7.16	19/10/20	6.42					7.55	6.95	7.64	6.59	7.18
14/10/20	5.91					7.06	9.30	8.20	8.17	6.96	17/10/20	6.63					7.31	7.41	9.36	5.74	7.18	19/10/20	6.76					7.60		7.58	6.60	7.11
14/10/20	5.87					7.20	9.37	8.47	8.29	6.91	17/10/20	6.59					7.34	7.32	9.28	5.61	7.34	19/10/20	6.82					7.75		7.57	6.61	7.05
14/10/20	5.77					7.23	9.24	8.80	8.23	6.71	17/10/20	6.32					7.46	7.11	8.23	5.68	7.40	19/10/20	6.82					7.70		7.80	6.66	7.00
14/10/20	5.86					7.26	9.67	8.83	7.99	6.92	17/10/20	6.14					7.57	7.00	8.10	5.57	7.44	19/10/20	6.63					7.70		7.99	6.71	6.89
14/10/20	6.39					7.28	9.94	8.67	7.63	7.17	17/10/20	6.14					7.65	6.82	8.18	5.69	7.41	19/10/20	6.75					7.57		8.12	6.72	6.63
14/10/20	7.27					7.09	9.23	9.63	7.42	7.18	17/10/20	6.29					7.68	6.65	7.97	5.96	7.40	19/10/20	6.93					7.65		7.95	6.71	6.20
14/10/20	7.48					6.94	9.19	10.07	7.54	7.12	17/10/20	6.41					7.78	6.60	8.69	6.22	7.30	19/10/20	7.03					7.48		7.94	6.59	6.84
14/10/20	7.37					7.02	8.90	9.58	7.70	7.10	17/10/20	6.11					7.84	6.71	8.90	6.45	7.32	19/10/20	7.20					7.56		8.29	6.69	7.15
14/10/20	7.25					7.15	8.56	9.06	7.49	7.11	17/10/20	6.14					7.85	6.81	8.74	6.55	7.03	19/10/20	6.81					7.40		8.03	6.85	6.95
14/10/20	7.14					7.18	8.33	8.99	7.46	6.98	17/10/20	6.16					7.82	7.03	8.58	6.50	7.24	19/10/20	6.60					7.24		8.81	7.04	7.12
14/10/20	7.05					7.19	8.19	8.84	7.38	7.00	17/10/20	6.06					7.82	6.97	8.56	6.34	7.21	19/10/20	6.65					7.33		8.90	7.48	7.24
14/10/20	6.89					7.12	8.11	8.66	7.24	7.09	17/10/20	5.99					7.61	7.13	7.79	6.08	7.46	19/10/20	6.61					7.65		9.04	7.49	7.25
14/10/20	6.77					7.09	7.94	8.59	7.12	7.10	17/10/20	6.15					7.43	6.62	7.64	6.17	7.44	19/10/20	6.46					7.95		8.74	7.74	7.25
14/10/20	6.83					7.12	8.12	8.55	6.93	6.95	17/10/20	6.30					7.42	6.87	7.73	6.46	7.34	19/10/20	6.32					8.17		8.32	7.57	7.37
14/10/20	6.94					7.16	7.99	8.58	6.82	6.79	17/10/20	6.43					7.39	6.94	7.91	6.50	7.33	19/10/20	6.25					8.28		8.51	7.55	7.78
14/10/20	7.02					7.01	8.05	8.51	6.71	6.55	17/10/20	6.56					7.36	6.75	7.92	6.50	7.17	19/10/20	6.06					8.36		8.50	7.52	8.00
14/10/20	7.01					6.76	8.05	8.40	6.67	6.71	17/10/20	6.53					7.36	6.88	7.74	6.55	7.17	19/10/20	5.94					8.38		8.50	7.55	8.02
15/10/20	7.00					6.72	7.91	8.29	6.76	6.89	17/10/20	6.74					7.37	6.93	7.63	6.42	7.33	19/10/20	6.06					8.41		8.61	7.39	8.06
15/10/20	6.97					6.75	7.97	8.06	6.76	7.10	17/10/20	6.86					7.39	6.98	7.75	6.17	7.30	19/10/20	6.18					8.30		8.48	7.15	8.04
15/10/20	6.84					6.68	7.59	8.31	6.67	7.18	17/10/20	6.86					7.42	7.05	8.17	6.20	7.29	19/10/20	6.09					8.31		8.40	6.86	8.00
15/10/20	6.70					6.67	7.09	8.29	6.61	7.29	17/10/20	6.85					7.43	6.94	8.36	6.16	7.08	19/10/20	6.12					8.36		8.14	6.48	8.07
15/10/20	6.54					6.87	7.19	8.29	6.56	7.23	17/10/20	6.51					7.27	6.89	8.56	6.06	6.96	19/10/20	6.18					7.94		8.42	6.16	8.24
15/10/20	6.44					7.07	7.39	8.35	6.76	7.21	17/10/20	6.50					7.37	6.99	8.69	5.94	6.79	19/10/20	6.41					7.80		8.71	5.99	8.20
15/10/20	6.47					7.07	7.61	8.42	6.92	6.99	17/10/20	6.60					7.35	7.15	8.79	5.74	7.14	19/10/20	6.55					7.74		8.79	6.29	8.00
15/10/20	6.60					7.10	7.30	8.20	7.00	7.07	17/10/20	6.72					7.34	7.40	8.80	5.96	7.22	19/10/20	6.57					7.73		8.53	6.74	7.83
15/10/20	6.41					7.25	7.26	8.40	7.06	7.02	17/10/20	6.88					7.27	7.54	8.70	6.14	7.17	19/10/20	6.62					7.72		8.44	6.68	7.26
15/10/20	6.28					7.15	7.46	8.51	7.10	7.40	17/10/20	6.80					7.19	7.52	8.94	6.58	7.27	19/10/20	6.64					7.68		8.47	6.93	7.70
15/10/20	6.43					7.31	7.17		7.04	7.22	17/10/20	6.61					7.43	7.44	8.85	6.72	7.30	20/10/20	6.55					7.72		8.38	6.96	7.65
15/10/20	6.52					7.35	7.04	8.45	6.85	7.53	17/10/20	6.43					7.58	7.58	8.92	7.03	7.37	20/10/20	6.40					7.69		8.34	7.02	7.39
15/10/20	6.58					7.32	7.13	8.10	6.85	7.60	17/10/20	6.39					7.65	7.75	8.67	7.07	7.50	20/10/20	6.31					7.67		8.17	6.99	7.14
15/10/20	6.27					7.38	7.18	8.07	6.92	7.56	17/10/20	6.38					7.73	7.94	8.48	7.35	7.45	20/10/20	6.07					7.60		8.07	6.88	7.31
15/10/20	5.99					7.34	7.08	8.03	6.91	7.53	17/10/20	6.32					7.81	8.06	8.54	7.34	7.42	20/10/20	6.27					7.35		7.98	6.74	7.28
15/10/20	6.06					7.35	6.89	7.96	6.73	7.47	17/10/20	6.15					7.83	8.10	8.48	7.26	7.52	20/10/20	6.56					7.44		7.98	6.63	7.17
15/10/20	5.91					7.27	6.87	7.85	6.70	7.34	17/10/20	5.94					7.89	8.09	8.42	7.16	7.59	20/10/20	6.71					7.38		7.89	6.51	7.52
15/10/20	6.30					7.16	6.87	7.87	6.60	7.31	17/10/20	5.93					7.97	7.93	8.21	7.17	7.76	20/10/20	6.66					7.31		7.82	6.41	7.53
15/10/20	6.43					7.26	7.08	7.80	6.53	7.57	17/10/20	6.13					7.87	7.89	8.12	7.21	7.44	20/10/20	6.50					7.34		7.78	6.36	7.71
15/10/20	6.30					7.28	6.86	7.78	6.68	7.33	17/10/20	6.26					7.85	7.98	8.10	7.13	7.69	20/10/20	6.34					7.59		7.63	6.23	7.81
15/10/20	6.14					7.18	6.76	7.93	6.79	7.33	17/10/20	6.30					7.71	7.94	8.18	6.84	7.87	20/10/20	6.10					7.45		7.63	6.17	7.57
15/10/20	6.16					6.95	6.72	7.89	6.91	7.42	17/10/20	6.40					7.52	7.86	8.50	6.48	7.81	20/10/20	5.96					7.36		7.60	6.09	7.46
15/10/20	6.10					6.76	6.83	7.94	6.82	7.64	17/10/20	6.56					7.60	7.73	8.89	6.34	7.71	20/10/20	5.68					7.37		7.69	6.17	7.32
15/10/20	6.12					6.75	6.79	7.95	6.72	7.67	17/10/20																					

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2		
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		
21/10/20	5,94					7,35		8,83	7,76	7,46	24/10/20	6,21									7,20	7,50	9,38	5,65	7,04	26/10/20				7,27	7,97	8,50	7,09	7,02
21/10/20	5,92					7,40		8,67	7,91	7,55	24/10/20	6,19									7,19	7,54	8,69	5,94	6,96	26/10/20				7,20	8,37	9,59	7,46	7,08
21/10/20	6,06					7,47		8,33	7,96	7,67	24/10/20	6,04									7,15	7,51	7,63	6,48	6,35	26/10/20				7,01	8,31	9,49	7,79	7,09
21/10/20	6,07					7,54		8,41	7,86	7,84	24/10/20	5,98									7,17	7,33	7,01	6,83	5,71	26/10/20				6,91	8,29	9,47	8,00	7,11
21/10/20	5,86					7,44		8,23	7,72	7,95	24/10/20	5,90									7,04	7,34	7,23	7,21	6,16	26/10/20				6,85	8,01	9,18	8,38	7,19
21/10/20	5,91					7,62		7,88	7,68	7,79	24/10/20	5,73									7,03	7,36	7,29	7,33	6,22	26/10/20				6,81	8,19	9,03	8,07	7,18
21/10/20	5,86					7,70		8,09	7,57	7,85	24/10/20	5,47									7,09	7,39	7,44	7,28	6,31	26/10/20				6,76	8,37	9,21	9,42	7,15
21/10/20	5,80					7,68		7,77	7,25	7,81	24/10/20	5,44									7,05	7,40	7,57	7,16	6,47	26/10/20				6,73	8,63	9,59	9,46	6,96
21/10/20	5,64					7,65		8,25	6,96	7,86	24/10/20	5,29									7,01	7,38	7,65	6,91	6,63	26/10/20				6,61	8,99	10,10	9,27	7,22
21/10/20	5,59					7,53		8,21	6,66	7,97	24/10/20	5,14									7,04	7,32	7,60	6,64	6,58	26/10/20				6,71	9,02	9,99	9,17	7,08
21/10/20	5,51					7,43		7,99	6,40	7,93	24/10/20	5,29									7,00	7,16	7,55	6,46	6,87	26/10/20				6,76	8,88	9,34	9,03	7,36
21/10/20	5,36					7,37		8,25	6,15	8,01	24/10/20	5,49									6,95	7,08	7,48	6,28	6,77	26/10/20				6,72	8,38	8,99	8,69	7,26
21/10/20	5,59					7,17		9,41	6,08	7,87	24/10/20	5,61									6,97	6,91	7,37	6,19	6,52	26/10/20				6,85	7,89	8,77	8,11	6,98
21/10/20	5,58					7,31		9,12	6,30	7,86	24/10/20	5,58									7,00	6,89	7,39	6,09	6,66	26/10/20				6,89	7,89	9,01	7,87	7,07
21/10/20	5,78					7,48		9,01	6,47	7,68	24/10/20	5,70									6,86	6,93	7,35	5,99	6,75	26/10/20				6,87	8,14	9,09	7,61	7,18
21/10/20	5,95					7,64		8,67	6,82	7,58	24/10/20	5,88									6,78	6,82	7,34	5,89	6,54	26/10/20				6,74	7,82	9,06	7,37	7,06
21/10/20	6,03					7,62		8,76	7,06	7,47	24/10/20	5,84									6,65	6,96	7,37	5,94	6,46	26/10/20				6,61	7,89	9,03	7,12	7,19
21/10/20	5,99					7,63		8,80	7,16	7,40	24/10/20	5,77									6,83	6,81	7,62	6,30	6,59	26/10/20				6,88	8,03	8,95	6,99	7,32
21/10/20	5,86					7,58		8,73	7,28	7,43	24/10/20	5,73									6,99	7,06	8,00	6,70	6,51	26/10/20				6,85	7,89	9,07	6,79	7,10
21/10/20	5,81					7,53		8,63	7,34	7,44	24/10/20	5,70									6,87	7,20	8,26	7,09	6,63	26/10/20				6,68	7,62	8,98	6,68	7,15
21/10/20	5,64					7,52		8,56	7,35	7,32	24/10/20	5,67									7,09	7,26	8,57	7,68	6,74	26/10/20				6,77	7,72	8,91	6,70	7,11
21/10/20	5,23					7,44		8,49	7,33	7,19	24/10/20	5,65									7,13	7,60	9,09	8,49	6,51	26/10/20				7,23	7,79	8,73	6,66	7,28
21/10/20	5,22					7,42		8,39	7,29	7,10	24/10/20	5,61									7,19	7,60	9,89	9,10	6,75	26/10/20				7,45	7,82	8,41	6,54	7,24
21/10/20	5,63					7,35		8,30	7,24	6,90	24/10/20	5,54									7,40	7,66	11,81	9,49	6,48	26/10/20				7,21	7,85	8,39	6,28	7,26
21/10/20	5,97					7,41		8,24	7,13	6,76	24/10/20	5,71									7,41	7,61	12,21	9,78	6,73	26/10/20				6,81	7,83	8,27	6,08	7,18
21/10/20	5,97					7,25		8,16	7,00	6,79	24/10/20	5,80									7,31	7,79	12,87	9,54	6,51	27/10/20				7,07	7,69	8,13	6,17	7,16
21/10/20	5,95					7,32		8,11	6,86	6,67	24/10/20	5,62									7,25	8,10	12,95	9,23	6,49	27/10/20				7,70	7,50	7,97	6,19	7,09
21/10/20	5,82					7,20		7,98	6,67	6,72	24/10/20	5,66									7,11	8,54	11,78	9,05	6,58	27/10/20				7,97	7,43	7,93	5,92	7,08
21/10/20	5,78					7,15		7,94	6,52	6,80	24/10/20	5,72									6,97	9,01	11,89	8,88	6,49	27/10/20				7,55	7,31	7,89	5,73	6,94
21/10/20	5,72					7,15		7,60	6,31	6,99	24/10/20	5,81									6,78	9,05	12,76	8,91	6,39	27/10/20				7,32	7,26	7,86	5,61	6,87
21/10/20	5,87					7,17		7,30	6,12	7,08	24/10/20	5,92									6,83	8,84	13,32	8,76	6,27	27/10/20				7,07	7,34	7,92	5,77	6,78
21/10/20	6,01					7,16		7,32	6,10	7,06	24/10/20	5,81									6,57	8,80	14,14	8,49	6,14	27/10/20				6,80	7,32	7,90	5,50	6,64
21/10/20	6,07					7,15		7,69	5,96	7,09	24/10/20	5,68									6,57	8,62	12,27	8,35	6,22	27/10/20				6,48	7,47	7,47	5,56	6,52
21/10/20	5,88					7,17		7,89	6,08	7,05	24/10/20	5,75									6,39	8,59	8,32	7,74	6,35	27/10/20				5,67	7,44	7,65	5,60	6,66
21/10/20	5,63					7,23		7,99	6,57	6,99	24/10/20	5,73									6,72	8,36	9,45	7,25	6,33	27/10/20				7,00	7,34	7,55	5,59	6,66
21/10/20	5,68					7,16		7,99	6,77	6,96	24/10/20	5,74									7,04	8,25	9,91	7,08	6,41	27/10/20				7,00	7,36	7,45	5,46	6,99
21/10/20	5,81					7,22		7,93	6,88	6,92	24/10/20	6,02									6,65	8,27	11,49	6,98	6,43	27/10/20				6,87	7,25	7,51	5,90	6,84
21/10/20	5,78					7,20		7,88	6,96	6,90	24/10/20	6,38									6,83	8,29	11,66	6,85	6,58	27/10/20				7,03	7,28	7,46	6,21	6,84
21/10/20	5,78					7,11		7,95	6,91	6,88	24/10/20	6,15									7,37	8,45	11,06	6,84	7,20	27/10/20				6,87	7,25	7,55	6,32	7,29
21/10/20	5,90					6,93		7,93	6,99	6,81	24/10/20	5,83									7,29	8,28	8,90	7,18	7,44	27/10/20				6,78	7,09	7,48	6,35	6,89
21/10/20	5,78					7,01		7,93	7,04	6,86	24/10/20	5,67									7,27	8,08	8,23	7,25	7,27	27/10/20				6,69	6,78	7,42	6,35	6,87
21/10/20	5,69					7,09		7,97	7,04	6,69	24/10/20	5,44									7,12	8,32	8,48	7,04	7,40	27/10/20				6,60	6,74	7,33	6,30	6,94
21/10/20	5,78					7,15		8,04	7,11	6,65	24/10/20	5,60									6,98	8,23	8,75	7,04	7,46	27/10/20				6,56	6,86	7,24	6,27	6,86
21/10/20	5,96					7,16		8,18	7,29	6,63	24/10/20	5,83									6,98	8,28	8,56	6,99	7,46	27/10/20				6,38	6,86	7,15	6,19	6,84
21/10/20	6,04					7,18		8,51	7,25	7,01	25/10/20	5,84									6,94	7,97	8,32	6,95	7,39	27/10/20				6,23	7,09	7,09	6,13	7,01
21/10/20	6,14					7,27		8,94	7,78	7,16	25/10/20	5,43									7,02	8,23	8,03	6,89	7,32	27/10/20				6,50	7,26	7,09	6,10	6,95
21/10/20	6,20					7,47		9,37	8,55	7,29	25/10/20	5,13																						

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	
	ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9		ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9		ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9	
28/10/20						8,66	8,16	9,06	7,67	7,37	31/10/20						6,95	7,55	7,69	5,89	7,63	2/11/20						7,30	7,99	8,54	7,61	7,28	
28/10/20						8,20	8,13	8,99	7,57	7,29	31/10/20						7,10	7,42	7,89	6,07	7,58	2/11/20						7,33	8,22	8,47	7,58	7,32	
28/10/20						8,35	8,16	8,88	7,47	7,41	31/10/20						7,19	7,38	8,05	6,38	7,46	2/11/20						7,36	8,41	8,47	7,50	7,41	
28/10/20						8,84	8,22	8,80	7,24	6,96	31/10/20						7,17	7,34	8,10	6,58	7,52	2/11/20						7,41	8,50	8,56	7,49	7,25	
28/10/20						8,74	8,21	8,68	7,03	7,01	31/10/20						7,20	7,31	7,99	6,79	7,44	2/11/20						7,47	8,38	8,42	7,44	7,23	
28/10/20						8,25	8,36	8,37	6,89	7,18	31/10/20						7,28	7,31	7,94	6,76	7,34	2/11/20						7,49	8,32	8,23	7,35	7,28	
29/10/20						8,61	8,24	8,38	6,66	7,21	31/10/20						7,27	7,34	7,80	6,78	7,29	2/11/20						7,36	8,15	8,21	7,03	7,81	
29/10/20						8,87	8,28	8,37	6,49	7,27	31/10/20						7,44	7,40	7,79	6,65	7,13	2/11/20						7,17	7,79	8,18	6,65	7,64	
29/10/20						8,59	8,12	8,14	6,56	7,17	31/10/20						7,44	7,52	7,71	6,58	7,21	2/11/20						7,07	7,74	7,93	6,17	7,83	
29/10/20						8,52	8,08	7,83	6,72	7,12	31/10/20						7,21	7,60	7,83	6,50	7,21	2/11/20						7,05	7,76	8,03	6,00	7,63	
29/10/20						8,54	8,11	8,14	6,87	7,03	31/10/20						7,54	7,66	8,00	6,37	6,93	2/11/20						7,44	7,67	8,36	6,24	7,48	
29/10/20						8,50	8,08	7,69	6,80	6,94	31/10/20						7,24	8,05	8,05	6,35	7,25	2/11/20						7,56	7,90	8,57	6,33	7,52	
29/10/20						8,35	7,93	8,25	6,95	6,89	31/10/20						7,36	8,15	8,12	6,36	7,34	2/11/20						7,53	7,84	8,65	6,55	7,50	
29/10/20						7,63	7,90	8,11	7,01	6,80	31/10/20						7,34	8,38	9,14	6,71	7,40	2/11/20						7,49	7,83	8,61	6,83	7,46	
29/10/20						7,07	7,84	7,97	6,80	7,04	31/10/20						7,17	8,30	10,04	7,22	7,42	2/11/20						7,42	7,68	8,48	7,11	7,49	
29/10/20						6,15	7,73	7,88	6,50	6,87	31/10/20						6,99	8,25	11,71	7,54	7,56	2/11/20						7,34	7,58	8,36	7,24	7,39	
29/10/20						7,80	7,73	7,82	5,99	7,21	31/10/20						7,09	8,33	11,03	8,03	7,71	3/11/20						7,35	7,62	8,28	7,18	7,30	
29/10/20						7,94	7,60	7,63	5,58	7,26	31/10/20						7,48	8,46	10,47	8,65	7,74	3/11/20						7,18	7,63	8,14	6,98	7,30	
29/10/20						8,06	7,57	7,85	5,65	7,30	31/10/20						7,70	8,73	9,54	8,85	7,76	3/11/20						7,02	7,56	7,98	6,87	7,14	
29/10/20						8,35	7,55	7,95	6,02	7,23	31/10/20						7,99	9,12	9,37	8,83	7,86	3/11/20						7,16	7,24	7,27	7,89	7,12	
29/10/20						8,53	7,47	7,98	6,40	7,21	31/10/20						8,08	9,32	9,29	8,85	7,91	3/11/20						6,94	7,15	7,09	7,75	6,54	7,18
29/10/20						8,58	7,27	8,00	6,65	7,21	31/10/20						8,10	9,42	9,38	8,77	7,71	3/11/20						6,81	7,09	7,05	6,43	7,22	
29/10/20						8,55	7,11	7,88	6,77	7,15	31/10/20						8,26	9,11	9,58	8,77	7,63	3/11/20						7,21	7,25	7,47	6,22	7,25	
29/10/20						8,53	7,15	7,81	6,79	7,12	31/10/20						8,12	9,28	9,44	8,58	7,81	3/11/20						7,23	7,30	7,45	6,08	7,32	
29/10/20						8,55	7,16	7,67	6,67	7,09	31/10/20						7,94	9,09	9,21	8,31	8,76	3/11/20						7,07	7,29	7,42	6,16	7,29	
29/10/20						8,77	7,26	7,55	6,56	6,98	31/10/20						7,82	8,86	9,34	7,81	8,76	3/11/20						7,01	7,22	7,26	6,30	7,21	
29/10/20						8,70	7,36	7,61	6,45	6,93	31/10/20						7,58	8,66	9,36	7,36	8,41	3/11/20						7,00	7,13	7,40	6,40	7,03	
29/10/20						8,45	7,48	7,84	6,28	7,09	31/10/20						7,75	8,44	9,77	7,22	8,24	3/11/20						7,00	6,86	7,47	6,45	6,93	
29/10/20						8,53	7,43	7,89	6,25	6,75	31/10/20						7,97	8,54	10,03	7,08	8,06	3/11/20						6,88	6,84	7,33	6,40	6,76	
29/10/20						8,76	7,76	7,98	6,13	6,93	31/10/20						7,89	8,51	9,79	7,33	7,96	3/11/20						6,89	7,05	7,31	6,01	7,01	
29/10/20						8,82	7,97	7,83	6,20	7,06	31/10/20						7,80	8,52	9,84	7,60	7,92	3/11/20						6,91	6,94	7,21	5,41	7,10	
29/10/20						8,82	8,09	8,52	6,84	7,12	31/10/20						7,78	8,50	9,73	7,71	7,91	3/11/20						6,89	6,91	7,14	5,03	7,05	
29/10/20						8,55	7,97	9,51	7,09	7,18	31/10/20						7,71	8,44	9,59	7,79	7,81	3/11/20						6,99	6,88	7,07	5,17	7,17	
29/10/20						8,31	8,03	10,12	7,23	7,25	31/10/20						7,65	8,18	9,48	7,82	7,71	3/11/20						6,98	6,83	7,19	5,66	7,09	
29/10/20						8,35	8,19	9,22	7,46	7,34	31/10/20						7,66	8,31	9,34	7,77	7,71	3/11/20						7,05	6,94	7,40	5,05	6,99	
29/10/20						8,50	8,39	10,16	7,91	7,37	1/11/20						7,57	8,29	9,15	7,62	7,56	3/11/20						6,99	7,14	7,45	6,18	6,93	
29/10/20						8,62	8,73	9,16	8,47	7,37	1/11/20						7,66	8,19	8,92	7,50	7,60	3/11/20						7,11	7,32	7,42	6,22	6,97	
29/10/20						8,68	9,05	8,88	8,63	7,51	1/11/20						7,36	8,08	8,66	7,35	7,55	3/11/20						7,18	7,53	7,42	6,23	6,95	
29/10/20						7,38	9,24	9,67	8,61	7,62	1/11/20						7,29	7,76	8,33	7,02	7,55	3/11/20						7,08	7,83	7,37	6,18	6,84	
29/10/20						7,48	9,22	9,34	8,61	7,98	1/11/20						7,64	7,58	8,45	6,75	7,61	3/11/20						6,95	7,83	7,40	6,15	6,92	
29/10/20						7,49	9,22	9,29	8,54	7,96	1/11/20						7,63	7,86	8,26	6,88	7,59	3/11/20						7,07	7,82	7,49	6,15	6,64	
29/10/20						7,36	9,14	9,10	8,28	8,37	1/11/20						7,47	7,90	8,20	7,09	7,56	3/11/20						7,28	8,08	7,55	6,13	7,01	
29/10/20						7,20	8,97	8,72	7,88	8,37	1/11/20						7,44	7,82	7,77	7,15	7,61	3/11/20						7,21	8,46	7,55	6,08	6,99	
29/10/20						6,97	8,76	9,13	7,33	8,17	1/11/20						7,48	7,75	7,95	7,09	7,49	3/11/20						7,14	8,54	8,08	6,42	7,14	
29/10/20						6,96	8,59	10,92	7,06	7,92	1/11/20						7,40	7,47	7,99	6,87	7,61	3/11/20						7,04	8,37	8,99	6,88	7,13	
29/10/20						7,42	8,59	10,44	7,23	7,79	1/11/20						7,33	7,61	7,95	6,71	7,40	3/11/20						6,94	8,36	9,13	7,16	7,19	
29/10/20						7,50	8,54	9,86	7,59	7,70	1/11/20						7,22	7,48	7,98	6,50	7,45	3/11/20						6,90	8,06	8,53	7,37	7,29	
29/10/20						7,49	8,58	9,90	7,84	7,61	1/11/20						7,21	7,48	7,97	6,01	7,50	3/11/20						7,07	8,07	8,15	7,51	7,34	
29/10/20						7,54	8,49	9,51	7,91	7,55	1/11/20						7,19	7,51	7,90	5,64	7,59	3/11/20						7,13	8,11	7,92	7,70	7,29	
29/10/20						7,42	8,42	9,24	7,86	7,42	1/11/20						7,33	7,57	7,88	5,75	7,62	3/11/20											

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l
5/11/20	6.84					7.27	7.50	8.51	7.45	7.00	7/11/20	8.49					8.25	8.47	9.44	7.54	7.59	9/11/20	8.39					8.19	11.25	10.33	7.55	7.89
5/11/20	7.02					7.32	7.52	8.47	7.36	6.71	7/11/20	8.57					8.26	8.68	9.83	7.79	7.51	9/11/20	8.41					7.88	11.40	10.12	7.32	7.55
5/11/20	7.25					7.50	7.54	8.45	7.24	6.62	7/11/20	8.71					8.05	9.04	9.58	7.69	7.39	9/11/20	8.05					8.65	11.59	10.05	7.64	7.95
5/11/20	7.16					7.15	7.39	8.39	7.10	6.63	7/11/20	8.52					7.87	9.37	9.79	7.62	7.25	9/11/20	7.93					9.00	12.06	10.05	8.03	7.83
5/11/20	7.06					7.00	7.44	8.39	6.72	6.69	7/11/20	9.07					8.21	9.06	9.73	7.48	7.05	9/11/20	7.82					8.79	12.05	9.94	8.53	7.84
5/11/20	7.06					7.07	7.35	8.19	6.65	6.87	7/11/20	8.69					8.40	9.67	9.78	7.32	7.53	9/11/20	7.77					8.68	11.37	9.63	8.66	7.82
5/11/20	7.23					7.08	7.35	8.01	6.72	6.92	7/11/20	8.21					8.44	10.18	9.91	7.37	7.85	9/11/20	7.80					8.75	10.40	9.51	8.51	8.01
5/11/20	7.24					7.07	7.42	8.53	6.82	6.97	7/11/20	8.30					8.42	10.87	11.21	8.61	7.86	10/11/20	7.99					8.82	9.84	9.22	8.48	8.09
5/11/20	7.08					6.98	7.36	8.22	6.92	6.94	7/11/20	7.75					8.77	11.01	12.58	10.19	7.98	10/11/20	7.70					8.93	9.60	9.70	8.40	7.71
5/11/20	6.85					7.01	7.38	8.03	6.93	6.88	7/11/20	8.03					8.51	10.80	12.36	11.48	7.88	10/11/20	7.67					8.97	9.59	10.15	8.29	7.46
5/11/20	6.93					6.92	7.35	7.82	6.75	6.64	7/11/20	7.85					8.41	10.74	11.56	11.68	8.01	10/11/20	7.63					8.79	9.86	9.66	7.95	7.94
5/11/20	6.97					6.80	7.35	7.76	6.45	6.92	7/11/20	8.10					8.47	10.69	12.20	10.93	7.95	10/11/20	7.53					8.60	10.67	9.81	7.98	7.88
5/11/20	6.90					7.12	7.33	7.83	6.06	7.11	7/11/20	8.39					8.51	10.65	12.59	10.53	7.82	10/11/20	7.48					8.46	11.21	10.17	7.71	7.82
5/11/20	6.90					7.16	7.29	7.79	6.06	7.13	7/11/20	8.60					8.58	10.47	12.43	9.94	7.80	10/11/20	7.53					8.34	10.95	9.88	7.55	7.94
5/11/20	6.96					7.10	7.18	7.82	6.37	7.08	7/11/20	8.26					8.69	10.35	11.46	9.67	7.70	10/11/20	7.60					8.40	9.76	9.88	7.71	7.90
5/11/20	6.99					7.18	7.41	7.96	6.56	7.04	7/11/20	7.94					8.93	10.15	11.05	9.74	7.63	10/11/20	7.58					8.45	9.28	9.92	7.93	7.95
5/11/20	7.08					7.30	7.49	7.90	6.68	6.87	7/11/20	7.86					9.11	9.67	11.36	9.62	7.88	10/11/20	7.86					8.39	9.18	10.27	7.96	7.96
5/11/20	7.12					7.54	7.72	8.05	6.74	6.68	7/11/20	7.74					9.30	9.62	10.77	9.36	7.89	10/11/20	7.88					8.33	9.12	10.09	8.30	8.08
5/11/20	7.16					7.64	8.13	8.08	6.86	6.75	7/11/20	7.61					9.44	9.61	10.65	8.95	7.81	10/11/20	8.20					8.27	9.07	10.03	8.59	8.24
5/11/20	7.14					7.55	8.45	8.11	6.94	7.06	7/11/20	7.59					9.55	9.50	10.32	8.64	7.80	10/11/20	8.57					8.15	9.11	9.73	8.64	8.46
5/11/20	7.18					7.70	8.73	8.07	6.97	7.05	7/11/20	7.50					9.58	9.49	9.97	8.30	7.70	10/11/20	9.26					8.06	9.11	9.68	8.58	8.53
5/11/20	7.22					7.81	8.95	7.99	6.92	7.07	7/11/20	7.41					9.48	9.40	9.75	8.02	7.66	10/11/20	9.63					7.95	8.97	9.43	8.24	8.55
5/11/20	7.11					7.77	9.08	8.03	6.89	6.97	7/11/20	7.08					9.47	9.56	9.61	7.96	7.65	10/11/20	9.70					7.87	8.82	9.33	7.88	8.50
5/11/20	7.30					7.37	9.01	8.05	6.99	6.96	7/11/20	7.52					9.38	9.20	9.70	7.82	7.78	10/11/20	9.69					7.81	8.62	9.20	7.61	8.40
5/11/20	7.66					7.80	8.95	8.13	7.22	7.25	7/11/20	7.59					9.34	9.32	9.74	7.40	7.69	10/11/20	9.78					8.04	8.45	9.09	7.34	8.01
5/11/20	7.87					7.61	8.88	8.20	7.74	7.48	7/11/20	7.62					9.13	9.14	11.04	7.26	7.66	10/11/20	9.55					8.14	8.55	9.06	7.14	7.88
5/11/20	8.10					7.45	8.83	9.22	8.73	7.46	8/11/20	7.80					8.84	9.17	10.88	7.12	7.65	10/11/20	9.72					8.12	8.81	9.23	6.86	7.94
5/11/20	8.20					7.54	8.75	9.64	9.16	7.51	8/11/20	7.36					8.45	8.96	11.38	7.17	7.30	10/11/20	9.98					8.02	9.07	9.42	6.82	7.93
5/11/20	7.97					7.32	8.97	10.87	9.51	7.44	8/11/20	6.97					8.15	9.10	11.80	7.06	7.04	10/11/20	9.77					7.90	9.30	9.67	6.97	8.47
5/11/20	7.85					7.57	9.79	10.23	9.67	7.41	8/11/20	6.98					8.13	9.56	11.81	7.42	7.07	10/11/20	9.69					8.09	9.95	10.61	7.73	8.53
5/11/20	7.88					7.55	9.86	9.40	9.55	7.41	8/11/20	7.27					8.40	9.90	11.04	7.95	7.10	10/11/20	9.65					8.07	10.12	9.90	8.38	8.37
5/11/20	8.38					7.69	9.61	9.35	9.46	7.51	8/11/20	7.40					8.40	9.75	11.00	8.16	7.37	10/11/20	9.55					8.29	9.75	9.25	8.91	8.29
5/11/20	8.33					7.90	9.24	9.19	9.31	7.24	8/11/20	7.55					8.62	9.06	10.62	8.51	7.58	10/11/20	8.74					8.58	9.75	9.43	8.08	8.08
5/11/20	8.43					8.18	9.58	9.04	9.35	7.46	8/11/20	7.78					8.74	8.60	10.41	8.82	7.66	10/11/20	8.45					8.57	10.04	11.10	8.40	8.21
5/11/20	8.41					8.33	9.04	8.85	9.45	7.14	8/11/20	8.35					8.54	8.51	10.38	8.95	7.60	10/11/20	8.08					8.75	10.39	12.10	8.10	8.31
5/11/20	8.28					8.46	8.46	8.56	9.32	6.93	8/11/20	8.41					8.57	8.34	10.18	9.06	7.56	10/11/20	8.51					8.87	10.46	10.65	8.05	8.38
5/11/20	7.96					8.49	8.40	8.70	9.17	7.22	8/11/20	8.51					8.53	8.32	10.09	8.85	7.82	10/11/20	8.57					8.86	10.66	10.70	8.30	8.30
5/11/20	7.66					8.41	8.32	8.86	9.00	6.81	8/11/20	8.56					8.33	7.75	10.01	8.68	7.89	10/11/20	8.96					8.76	10.76	10.86	8.10	8.10
5/11/20	7.36					8.37	8.12	9.25	8.67	6.80	8/11/20	8.57					8.28	7.91	9.94	8.46	7.87	10/11/20	9.92					8.75	10.98	11.14	8.31	8.31
5/11/20	7.55					8.13	8.25	8.93	8.44	6.90	8/11/20	8.61					8.21	7.94	9.85	8.15	7.85	10/11/20	10.21					8.76	11.17	10.82	8.12	8.27
5/11/20	7.73					7.92	8.18	8.46	7.93	7.46	8/11/20	8.31					8.12	7.84	9.73	7.96	7.45	10/11/20	11.30					8.49	11.61	11.72	8.27	8.27
5/11/20	8.19					7.80	8.35	9.32	7.48	7.62	8/11/20	8.40					8.34	7.91	9.66	7.78	7.26	10/11/20	11.38					8.21	11.78	13.04	8.40	8.26
5/11/20	8.22					7.70	8.29	9.24	7.29	7.74	8/11/20	8.40					8.42	7.81	9.57	7.64	7.46	10/11/20	12.18					8.26	11.47	12.09	8.30	8.30
5/11/20	8.08					7.71	8.03	9.28	7.30	7.73	8/11/20	8.36					8.28	8.03	9.47	7.52	7.40	10/11/20	11.95					8.47	10.84	11.42	8.34	8.34
5/11/20	7.98					8.15	8.32	9.20	7.40	7.75	8/11/20	8.84					8.16	8.06	9.31	7.43	7.42	10/11/20	11.10					8.39	10.51	11.13	8.39	8.39
6/11/20	8.24					8.14	8.38	9.42	7.65	7.66	8/11/20	8.93					8.16	8.42	9.51	7.92	7.55	10/11/20	11.22					8.42	10.52	10.89	8.40	8.40
6/11/20	8.19																															

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l
12/11/20	8.42					8.32	7.77	9.26		8.24	14/11/20	10.05					10.14	9.75	9.10		7.72	17/11/20	7.80					7.59	8.19	8.24	8.13	7.54
12/11/20	8.44					8.24	7.75	9.21		8.25	14/11/20	10.32					10.21	9.92	9.17		7.55	17/11/20	8.14					7.67	8.22	8.15	7.99	7.39
12/11/20	8.32					8.21	7.74	9.04		8.21	14/11/20	10.48					10.30	10.03	9.14		7.38	17/11/20	8.42					7.88	8.05	8.15	7.93	7.28
12/11/20	8.23					8.20	7.68	8.89		8.18	14/11/20	10.55					10.19	9.84	9.27		7.21	17/11/20	7.74					7.72	8.00	8.01	7.85	7.50
12/11/20	8.24					8.15	7.67	8.78		8.06	14/11/20	10.60					10.24	9.85	9.21		7.29	17/11/20	7.43					7.70	7.88	8.03	7.87	7.58
12/11/20	8.27					8.08	7.68	8.58		8.07	14/11/20	10.61					9.60	9.74	9.10		7.35	17/11/20	7.28					7.67	7.97	8.19	7.69	7.64
12/11/20	8.12					7.80	7.69	8.38		8.03	14/11/20	8.54					9.78	9.58	9.11		7.58	17/11/20	7.16					7.73	7.91	8.02	7.74	7.64
12/11/20	8.01					7.90	7.77	8.34		8.01	14/11/20	7.73					9.58	9.35	9.13		7.93	17/11/20	7.22					7.72	7.86	8.13	7.83	7.62
12/11/20	7.95					8.09	7.80	8.34		7.73	14/11/20	7.94					9.45	9.12	8.92		7.93	17/11/20	7.23					7.72	7.85	8.15	7.88	7.60
12/11/20	7.79					7.93	7.84	8.27		8.01	14/11/20	7.66					10.12	8.96	9.38		7.90	17/11/20	7.33					7.72	7.73	8.10	7.85	7.61
12/11/20	7.69					8.11	8.10	8.35		8.08	14/11/20	7.62					10.28	8.94	9.48		7.93	17/11/20	7.43					7.59	7.75	8.50	7.76	7.58
12/11/20	7.63					8.08	8.34	8.60		8.12	14/11/20	7.61					10.13	8.89	9.67		7.87	17/11/20	7.52					7.58	7.77	8.22	7.70	7.51
12/11/20	7.56					7.96	8.82	9.64		8.15	14/11/20	7.83					9.98	8.80	9.51		7.82	17/11/20	7.42					7.45	7.64	8.23	7.54	7.58
12/11/20	7.91					8.02	9.01	9.81		8.18	14/11/20	7.83					9.84	8.61	9.35		7.87	17/11/20	7.45					7.58	7.69	8.18	7.61	7.65
12/11/20	7.89					8.21	9.14	9.94		8.25	14/11/20	7.81					9.54	8.47	9.23		7.79	17/11/20	7.43					7.57	7.77	8.00	7.85	7.60
12/11/20	7.89					8.39	9.29	9.44		8.29	14/11/20	7.75					9.54	8.49	9.22		7.69	17/11/20	7.35					7.57	7.75	7.98	7.98	7.57
12/11/20	7.93					8.40	9.49	10.37		8.29	14/11/20	7.91					9.60	8.50	9.17		7.66	17/11/20	7.36					7.66	7.82	7.78	7.97	7.55
12/11/20	7.87					8.57	9.66	10.07		8.24	15/11/20	7.47					9.77	8.57	8.99		7.56	17/11/20	7.44					7.71	7.93	7.98	7.89	7.52
12/11/20	7.68					8.77	9.88	9.60		8.28	15/11/20	7.86					9.84	8.48	8.77		7.62	17/11/20	7.51					7.77	8.07	7.99	7.84	7.53
12/11/20	7.83					8.90	10.07	9.70		8.24	15/11/20	7.70					9.47	8.40	8.63		7.64	17/11/20	7.73					7.72	8.12	7.94	7.80	7.54
12/11/20	7.85					9.08	10.01	10.14		7.95	15/11/20	7.31					9.72	8.38	8.35		7.68	17/11/20	7.99					7.71	8.20	7.91	7.82	7.56
12/11/20	8.32					8.72	10.24	10.34		8.00	15/11/20	7.18					9.84	8.15	8.32		7.67	17/11/20	8.11					7.70	8.34	7.88	7.86	7.53
12/11/20	8.53					8.08	10.22	10.51		8.17	15/11/20	7.20					9.63	8.07	8.53		7.64	17/11/20	8.26					7.73	8.44	8.06	8.03	7.56
12/11/20	8.76					7.75	10.07	10.45		8.34	15/11/20	7.22					9.71	8.08	8.40		7.68	17/11/20	8.10					7.98	8.61	7.99	8.38	7.40
12/11/20	8.82					7.82	9.91	12.34		8.39	15/11/20	7.47					9.80	8.02	8.00		7.67	17/11/20	8.33					7.90	8.62	8.22	8.53	7.97
12/11/20	8.43					8.02	10.03	11.28		8.41	15/11/20	7.52					9.75	7.97	8.32		7.60	17/11/20	8.75					7.80	8.93	8.28	9.42	7.93
12/11/20	8.56					8.18	9.38	10.72		8.45	15/11/20	7.54					9.55	7.92	8.22		7.51	17/11/20	8.86					7.92	9.25	8.19	8.61	7.88
12/11/20	8.97					8.12	9.20	10.50		8.40	15/11/20	7.39					8.97	7.84	7.80		7.39	17/11/20	9.00					7.80	9.18	8.98	9.46	7.79
12/11/20	8.96					8.25	9.20	10.17		8.37	15/11/20	7.24					8.41	7.84	8.27		7.37	17/11/20	9.01					7.82	8.97	9.16	10.02	7.81
12/11/20	8.66					8.04	9.20	9.81		8.30	15/11/20	7.09					9.05	7.84	8.16		7.55	17/11/20	8.91					7.87	8.96	8.68	10.40	7.87
12/11/20	8.47					7.84	9.46	9.72		8.14	15/11/20	7.18					9.21	7.93	8.22		7.57	17/11/20	8.99					8.11	9.03	8.70	10.43	7.89
12/11/20	8.66					8.23	9.22	9.69		8.27	15/11/20	7.24					9.33	8.02	8.38		7.63	17/11/20	8.63					8.15	9.21	9.02	10.22	7.88
12/11/20	8.46					8.09	10.01	9.59		8.22	15/11/20	7.37					9.51	8.00	8.49		7.62	17/11/20	7.80					8.41	9.34	9.14	10.11	8.00
12/11/20	8.01					8.26	9.90	9.46		7.94	15/11/20	7.34					9.52	7.99	8.50		7.64	17/11/20	7.67					8.64	9.63	8.92	10.09	8.10
12/11/20	8.24					8.10	9.61	9.33		8.05	15/11/20	7.31					9.42	7.94	8.47		7.60	17/11/20	7.43					8.82	8.92	8.83	10.13	8.07
12/11/20	8.14					8.05	9.38	9.07		8.17	15/11/20	7.55					9.50	7.91	8.39		7.50	17/11/20	9.60					8.88	9.79	8.92	10.19	7.95
12/11/20	7.88					8.29	9.10	8.99		8.19	15/11/20	7.94					9.44	7.93	8.22		7.40	17/11/20	9.91					8.87	9.77	9.12	10.26	7.89
13/11/20	7.86					8.18	8.49	9.07		8.20	15/11/20	8.00					9.40	8.03	8.07		7.43	17/11/20	8.53					8.79	9.75	9.24	10.10	7.87
13/11/20	7.75					8.24	8.24	9.23		8.06	15/11/20	7.78					9.07	8.13	7.95		7.40	17/11/20	7.33					8.67	9.21	9.34	8.85	7.91
13/11/20	7.75					8.46	8.13	9.11		8.04	15/11/20	7.96					9.42	8.30	8.15		7.47	17/11/20	7.44					8.59	9.00	9.06	9.40	8.14
13/11/20	7.69					8.58	8.28	8.81		8.07	15/11/20	7.99					9.94	8.51	8.64		7.26	17/11/20	7.22					8.29	9.15	8.84	9.06	8.32
13/11/20	7.69					8.55	8.36	9.06		8.09	15/11/20	7.67					9.65	8.75	8.83		7.47	17/11/20	7.20					8.09	8.74	9.78	9.05	8.28
13/11/20	7.49					8.40	8.43	9.12		7.81	15/11/20	7.63					10.20	8.79	8.76		7.54	17/11/20	7.74					8.29	8.49	9.59	9.27	8.21
13/11/20	7.22					8.23	8.21	9.11		7.63	15/11/20	7.85					9.66	7.88	9.24		7.56	17/11/20	7.95					8.32	8.41	9.47	9.46	8.23
13/11/20	7.79					7.44	8.19	8.98		7.67	15/11/20	7.69					9.65	8.86	9.81		7.65	17/11/20	8.47					8.28	8.52	9.47	9.53	8.15
13/11/20	7.82					7.79	8.12	8.85		7.62	15/11/20	7.85					9.89	9.15	10.24		7.66	17/11/20	8.60					8.32	8.56	9.32	9.53	8.03
13/11/20	7.62					9.50	8.29	8.95		7.97	15/11/20	7.80					10.07	9.47	9.73		7.60	18/11/20	9.00					8.27	8.59	9.30	9.43	7.94
13/11/20	7.90					9.61	8.41	9.06		7.95	15/11/20	7.80					10.36	9.70	9.41		7.60	18/11/20	9.24									

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9		ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9		ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9
19/11/20	7,67					8,49	8,57	9,03	8,71	7,96	21/11/20	8,10					9,01	8,49	9,46	9,27	8,53	24/11/20	10,64					8,70	9,62	10,05	10,10	
19/11/20	7,78					8,48	8,76	9,08	8,60	7,95	21/11/20	8,06					9,03	8,69	9,55	9,13	8,43	24/11/20	10,69				8,80	9,46	10,04	9,90		
19/11/20	7,78					8,49	9,18	9,05	8,48	7,98	21/11/20	8,16					9,05	8,84	9,62	9,01	8,32	24/11/20	10,71				9,00	9,07	9,89	9,70		
19/11/20	7,86					8,54	9,25	9,21	8,39	8,00	21/11/20	8,27					9,11	8,76	9,47	8,94	8,24	24/11/20	10,74				9,10	8,95	9,82	9,42		
19/11/20	8,08					8,59	9,07	9,19	8,32	8,05	21/11/20	8,19					9,14	8,73	9,50	8,85	8,48	24/11/20	10,65				8,86	9,16	9,81	9,18		
19/11/20	7,90					8,21	8,99	9,23	8,29	7,94	21/11/20	8,24					9,16	8,47	9,80	8,80	8,59	24/11/20	10,60				8,73	9,41	9,73	9,01		
19/11/20	7,92					8,78	9,88	9,30	8,55	7,98	21/11/20	8,32					9,12	8,33	9,84	8,81	8,54	24/11/20	10,58				8,69	9,53	9,61	8,90		
19/11/20	8,25					8,28	10,38	9,34	9,12	8,17	21/11/20	8,38					9,14	8,45	9,82	8,77	8,36	24/11/20	10,60				8,99	9,56	9,53	8,85		
19/11/20	7,78					8,32	10,02	9,36	9,12	8,27	22/11/20	8,32					9,02	8,38	9,77	8,70	8,44	24/11/20	10,46				9,04	9,38	9,59	8,84		
19/11/20	8,42					8,43	9,91	10,73	9,76	8,20	22/11/20	8,32					8,84	8,25	9,98	8,70	8,56	24/11/20	10,18				8,83	9,40	9,65	9,18		
19/11/20	8,46					8,33	9,85	11,91	10,54	8,19	22/11/20	8,13					9,00	8,21	9,80	8,65	8,71	24/11/20	9,98				8,74	9,56	10,14	10,15		
19/11/20	8,33					8,37	9,70	10,86	11,00	8,27	22/11/20	8,24					8,97	8,17	9,50	8,93	8,94	24/11/20	9,97				8,87	9,78	10,81	10,98		
19/11/20	8,05					8,22	9,34	9,90	10,99	8,30	22/11/20	8,29					8,87	7,81	9,57	9,05	8,94	24/11/20	10,11				8,73	9,96	10,58	11,40		
19/11/20	7,81					8,35	9,21	9,45	11,22	8,30	22/11/20	8,34					8,79	7,77	9,40	9,11	8,86	24/11/20	10,19				8,87	10,22	10,80	11,79		
19/11/20	7,91					8,48	9,23	9,53	10,93	8,33	22/11/20	8,36					8,78	7,88	9,11	9,03	8,88	24/11/20	10,26				8,90	10,25	10,77	11,98		
19/11/20	7,77					8,61	9,19	9,56	11,28	8,32	22/11/20	8,36					8,70	7,94	9,05	8,94	8,88	24/11/20	10,44				8,74	10,35	10,91	11,87		
19/11/20	7,52					8,59	9,21	9,39	10,78	8,33	22/11/20	8,32					8,68	8,16	9,02	8,87	8,91	24/11/20	10,70				9,14	10,29	11,20	11,83		
19/11/20	7,51					8,80	9,17	9,31	10,48	8,30	22/11/20	8,30					8,67	8,22	9,03	8,73	8,92	24/11/20	10,83				9,35	10,70	11,89	11,95		
19/11/20	7,58					8,90	9,14	8,99	10,34	8,31	22/11/20	8,31					8,63	8,12	9,07	8,64	8,91	24/11/20	10,93				9,42	10,80	12,21	12,16		
19/11/20	7,64					8,75	9,07	9,37	10,24	8,05	22/11/20	8,22					8,54	8,15	9,03	8,51	8,92	24/11/20	11,10				9,54	10,18	12,03	12,33		
19/11/20	7,67					8,63	8,99	9,47	10,15	8,42	22/11/20	8,33					8,41	8,26	8,97	8,44	8,92	24/11/20	11,13				9,64	10,40	12,06	12,54		
19/11/20	7,65					8,53	8,92	9,28	9,96	8,54	22/11/20	8,36					8,33	8,38	8,94	8,40	8,85	24/11/20	10,66				9,40	10,59	11,71	12,44		
19/11/20	7,73					8,30	8,97	9,70	9,67	8,52	22/11/20	8,43					8,33	8,37	8,87	8,34	8,86	24/11/20	10,57				9,23	10,39	11,92	12,29		
19/11/20	7,68					8,06	8,86	10,70	9,63	8,40	22/11/20	8,47					8,28	8,33	8,79	8,25	8,84	24/11/20	10,67				9,09	10,08	12,76	12,17		
19/11/20	7,79					8,04	8,79	10,14	9,62	8,58	22/11/20	8,41					8,39	8,27	8,73	8,20	8,83	24/11/20	10,78				8,86	9,76	13,13	11,75		
19/11/20	7,79					8,43	8,82	9,88	10,02	8,38	22/11/20	8,41					8,64	8,25	8,69	8,18	8,79	24/11/20	11,14				8,89	9,79	12,60	11,19		
19/11/20	7,64					8,73	8,98	10,02	10,07	8,42	22/11/20	8,31					8,51	8,27	8,72	8,28	8,88	24/11/20	11,08				8,86	10,10	12,15	11,32		
20/11/20	7,65					8,59	9,36	10,19	10,09	8,39	22/11/20	8,47					8,57	8,36	9,68	8,92	8,87	24/11/20	11,16				8,94	10,37	11,70	11,02		
20/11/20	7,69					8,50	9,41	10,16	10,12	8,37	22/11/20	8,51					8,57	8,52	9,68	9,53	8,94	24/11/20	11,31				8,83	10,41	11,57	10,64		
20/11/20	7,90					8,45	9,27	10,08	10,04	8,35	22/11/20	8,53					8,56	8,71	9,82	9,97	8,96	24/11/20	11,10				8,88	10,47	11,43	10,39		
20/11/20	8,00					8,58	9,14	9,99	9,89	8,36	22/11/20	8,61					8,61	8,88	9,89	8,99	8,96	24/11/20	10,48				8,74	10,97	11,31	10,24		
20/11/20	8,04					8,58	8,99	9,93	9,62	8,33	22/11/20	8,68					8,72	9,11	10,02	10,88	8,91	24/11/20	10,33				8,51	11,30	10,97	10,07		
20/11/20	8,40					8,61	8,38	9,87	9,43	8,29	22/11/20	8,74					8,87	8,95	11,06	11,22	9,02	24/11/20	10,42				8,98	11,05	10,79	9,89		
20/11/20	8,02					8,61	8,53	9,80	9,31	8,28	22/11/20	8,77					9,00	9,18	10,10	11,61	8,92	24/11/20	10,58				8,86	10,36	10,72	9,84		
20/11/20	8,53					8,58	8,67	9,73	9,20	8,29	22/11/20	8,89					9,12	9,68	11,13	11,47	8,85	24/11/20	10,67				8,53	10,23	10,70	9,70		
20/11/20	8,79					8,57	8,68	9,72	9,09	8,19	22/11/20	9,02					9,17	9,45	12,41	11,21	8,88	24/11/20	10,89				8,70	10,10	10,63	9,98		
20/11/20	8,88					8,54	8,67	9,71	9,00	8,33	22/11/20	9,20					9,14	9,33	13,27	11,16	8,92	24/11/20	10,78				8,29	10,18	10,68	10,28		
20/11/20	8,67					8,45	8,67	9,58	8,85	8,01	22/11/20	8,97					9,22	9,52	13,17	11,19	8,96	25/11/20	10,56				9,46	10,39	10,71	10,60		
20/11/20	8,46					8,48	8,62	9,52	8,76	8,17	22/11/20	8,90					9,30	9,88	11,58	10,62	8,91	25/11/20	10,57				9,61	10,21	10,81	10,72		
20/11/20	8,32					8,46	8,59	9,49	8,70	8,45	22/11/20	8,88					9,13	9,75	11,78	10,13	8,95	25/11/20	10,43				9,65	9,99	10,55	10,79		
20/11/20	8,14					8,50	8,48	9,45	8,76	8,34	22/11/20	8,91					8,95	9,88	11,70	9,62	8,96	25/11/20	9,82				9,67	9,87	10,52	10,79		
20/11/20	8,04					8,42	8,37	9,43	8,74	8,38	22/11/20	9,02					8,95	9,73	10,99	9,47	8,93	25/11/20	9,82				9,57	9,92	10,73	10,68		
20/11/20	8,04					8,49	8,34	9,29	8,54	8,18	22/11/20	9,19					9,32	9,63	10,24	9,41	8,85	25/11/20	9,86				9,54	10,01	11,05	10,61		
20/11/20	8,07					8,46	8,38	9,11	8,40	8,07	22/11/20	9,36					9,37	9,54	10,04	9,36	8,81	25/11/20	9,89				9,45	10,16	11,46	10,58		
20/11/20	8,02					8,46	8,41	9,05	8,24	8,27	22/11/20	9,40					9,17	9,59	9,94	9,28	8,78	25/11/20	10,20				9,33	9,81	11,30	10,59		
20/11/20	7,86					8,34	8,39	9,07	8,30	8,35	22/11/20	9,06					9,08	9,42	10,35	10,00	8,64	25/11/20	10,29				9,07	9,28	10,90	10,55		
20/11/20	8,00					8,28	8,43	9,39	8,56	8,40	22/11/20	9,37					9,21	9,48	12,48	10,33	9,07	25/11/20	10,25				8,89	9,10	10,77	10,52		
20/11/20	8,06					8,15	8,44	9,37	8,54	8,32	22/11/20	10,35					9,41	9,49	13,13	10,67	9,28	25/11/20	10,04				8,84	8,65	10,69	10,50		
20/11/20	7,77					8,06	8,49	9,2																								

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9		ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9		ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9
26/11/20	9.75					10.11	10.51	12.03	12.43		29/11/20	8.42					8.86	9.02	9.79	9.39	9.60	1/12/20	9.63					11.03	9.00	9.79	8.79	9.58
26/11/20	9.67					10.26	10.71	11.92	12.55		29/11/20	8.19					8.75	9.03	9.69	9.23	9.62	1/12/20	9.63					11.09	9.00	9.76	8.82	9.56
26/11/20	9.69					10.18	10.68	11.94	12.43		29/11/20	8.23					8.86	9.03	9.70	9.07	9.62	1/12/20	9.58					10.52	9.04	10.01	8.72	9.55
26/11/20	9.59					10.13	10.61	11.93	12.12		29/11/20	8.31					8.84	8.94	10.00	9.22	9.61	1/12/20	9.58					10.26	9.17	8.83	8.62	9.56
26/11/20	9.50					10.00	10.53	12.08	11.91		29/11/20	8.24					8.89	8.87	10.17	9.54	9.60	1/12/20	9.60					11.13	9.13	9.74	8.66	9.62
26/11/20	9.93					9.55	10.40	12.20	11.89		29/11/20	8.15					8.94	8.85	10.12	9.63	9.59	1/12/20	9.73					11.17	9.19	9.87	9.20	9.69
26/11/20	11.07					9.20	10.26	13.12	11.86		29/11/20	8.12					8.94	8.77	10.18	9.58	9.58	1/12/20	9.61					11.49	9.34	9.95	9.00	9.71
26/11/20	11.33					9.32	10.13	12.95	11.82		29/11/20	8.11					8.79	8.73	10.23	9.51	9.57	1/12/20	9.78					11.20	9.39	10.15	9.49	9.70
26/11/20	11.35					9.41	10.33	12.55	11.70		29/11/20	8.16					8.67	8.68	10.23	9.38	9.47	1/12/20	9.75					11.25	9.33	11.55	9.92	9.70
26/11/20	11.13					9.37	10.18	12.32	11.57		29/11/20	8.27					8.70	8.61	10.09	9.51	9.63	1/12/20	9.78					11.60	9.28	11.16	10.25	9.73
26/11/20	10.78					9.22	10.01	12.18	11.42		29/11/20	8.78					8.71	8.47	9.99	9.63	9.60	1/12/20	9.68					11.90	9.39	11.02	10.45	9.73
26/11/20	10.64					9.15	9.95	11.62	11.23		29/11/20	9.08					8.75	8.62	9.88	9.66	9.60	1/12/20	9.63					9.72	9.55	11.00	10.70	9.76
26/11/20	10.49					9.14	9.85	11.33	10.93		29/11/20	9.04					8.74	8.62	9.77	9.60	9.61	1/12/20	9.49					9.98	9.59	10.93	10.68	9.76
26/11/20	10.64					9.07	9.76	11.24	10.54		29/11/20	8.93					8.68	8.60	9.75	9.37	9.50	1/12/20	9.36					10.26	9.54	10.98	10.64	9.88
26/11/20	10.03					9.11	9.92	11.16	10.14		29/11/20	8.75					8.61	8.58	9.73	9.22	9.50	1/12/20	9.35					10.54	9.56	10.83	10.74	9.91
26/11/20	9.13					9.47	10.05	11.09	9.95		29/11/20	8.58					8.57	8.56	9.70	9.02	9.49	1/12/20	9.31					10.59	10.15	10.68	10.73	9.91
26/11/20	8.83					9.08	9.93	10.94	9.85		29/11/20	8.56					8.52	8.57	9.57	8.79	9.47	1/12/20	9.27					10.64	9.81	10.53	10.51	10.02
26/11/20	8.88					8.84	9.81	10.72	9.71		29/11/20	8.51					8.53	8.55	9.42	8.57	9.42	1/12/20	9.28					10.59	9.69	10.45	10.27	9.95
27/11/20	8.72					9.01	9.88	10.70	9.74		29/11/20	8.55					8.50	8.62	9.17	8.49	9.40	1/12/20	9.36					10.50	9.37	10.31	10.16	9.91
27/11/20	8.73					9.25	9.98	10.81	10.18		29/11/20	8.53					8.49	8.63	9.44	8.49	9.44	1/12/20	9.66					10.27	9.08	10.26	10.14	10.05
27/11/20	8.66					9.47	9.84	10.91	10.57		29/11/20	8.55					8.46	8.72	9.33	8.45	9.46	1/12/20	9.55					9.98	9.10	10.78	10.20	10.07
27/11/20	8.68					9.66	9.71	10.98	10.71		29/11/20	8.49					8.52	8.84	9.11	8.41	9.45	1/12/20	9.55					9.83	9.19	11.18	10.37	9.99
27/11/20	8.83					9.83	9.65	11.08	10.92		29/11/20	8.57					8.58	8.95	9.06	8.66	9.52	1/12/20	9.57					9.77	9.26	10.90	10.34	9.97
27/11/20	9.13					9.82	9.48	11.10	10.95		29/11/20	8.58					8.65	9.03	9.14	9.30	9.56	1/12/20	9.66					9.64	9.38	10.74	10.27	9.93
27/11/20	9.28					9.82	9.53	11.13	10.90		29/11/20	8.64					8.61	9.06	9.78	9.32	9.54	1/12/20	9.68					9.71	9.25	10.73	10.25	9.92
27/11/20	9.53					9.84	9.57	11.04	10.78		29/11/20	8.79					8.59	9.18	11.23	9.48	9.54	1/12/20	9.63					9.62	9.22	10.56	10.19	9.90
27/11/20	9.39					9.65	9.69	11.66	10.69		29/11/20	8.90					8.80	9.07	10.72	9.91	9.56	1/12/20	9.73					9.39	9.25	10.44	9.98	9.87
27/11/20	9.18					9.47	9.67	11.51	10.69		29/11/20	8.87					8.97	9.88	10.43	10.50	9.53	1/12/20	9.72					9.29	9.21	10.51	9.70	9.84
27/11/20	8.74					9.11	9.55	11.08	10.78		29/11/20	8.83					9.12	9.09	10.72	11.00	9.56	1/12/20	9.58					9.23	9.23	10.11	9.56	9.80
27/11/20	8.82					8.95	9.59	10.82	10.71		29/11/20	8.94					9.18	9.22	10.81	11.44	9.59	2/12/20	9.27					9.14	9.11	9.87	9.19	9.77
27/11/20	9.75					9.06	9.60	10.85	10.56		29/11/20	9.04					9.57	9.34	10.76	11.50	9.57	2/12/20	9.21					9.00	9.08	9.77	8.87	9.72
27/11/20	9.68					8.92	9.29	10.75	10.39		29/11/20	8.89					9.73	9.56	10.89	11.49	9.59	2/12/20	9.22					8.85	8.90	9.68	8.68	9.84
27/11/20	9.96					8.86	9.02	10.67	10.19		29/11/20	8.80					9.84	9.75	10.77	11.33	9.51	2/12/20	9.11					8.92	8.71	9.47	8.61	9.74
27/11/20	9.99					8.84	8.93	10.56	9.85		29/11/20	8.80					10.08	9.73	10.70	11.25	9.44	2/12/20	8.95					8.98	8.63	9.91	8.60	9.86
27/11/20	9.97					8.85	8.89	10.41	9.49		29/11/20	8.77					10.21	9.83	10.53	10.82	9.45	2/12/20	8.93					8.85	8.63	9.60	8.81	9.87
27/11/20	9.94					8.81	8.92	10.24	9.23		29/11/20	8.77					10.12	9.92	10.38	10.61	9.40	2/12/20	9.00					8.91	8.61	9.60	8.87	9.90
27/11/20	9.97					8.87	8.98	10.22	9.09		29/11/20	8.83					9.99	9.78	10.32	10.43	9.47	2/12/20	8.99					8.93	8.58	9.60	9.40	9.96
27/11/20	9.53					8.62	9.10	10.23	8.97		29/11/20	8.84					9.72	9.61	10.43	10.35	9.53	2/12/20	9.02					8.95	8.62	9.50	9.66	9.95
27/11/20	9.71					8.76	9.10	10.15	8.90		29/11/20	8.86					9.38	9.36	11.48	10.38	9.67	2/12/20	9.01					8.98	8.56	9.63	9.69	9.97
27/11/20	9.53					8.77	9.22	10.31	9.22		29/11/20	8.84					9.30	9.18	11.23	10.47	9.73	2/12/20	9.00					9.02	8.54	9.50	9.56	10.00
27/11/20	9.75					8.94	9.47	10.43	9.15	9.72	29/11/20	8.79					9.42	9.14	10.90	10.55	9.81	2/12/20	8.99					8.67	8.54	9.66	9.43	9.89
27/11/20	9.85					8.79	9.72	11.00	9.50	9.60	29/11/20	8.94					9.37	9.22	10.85	10.47	9.78	2/12/20	8.94					8.55	8.55	9.70	9.46	9.85
27/11/20	9.75					8.86	9.77	11.68	10.35	9.69	29/11/20	9.10					9.25	9.21	10.83	10.46	9.75	2/12/20	8.89					8.65	8.56	9.62	9.54	9.97
27/11/20	9.89					8.88	9.51	12.21	11.10	9.72	29/11/20	9.32					9.22	9.27	10.74	10.40	9.68	2/12/20	8.94					8.79	8.56	9.69	9.53	9.99
27/11/20	9.84					9.08	9.55	11.85	11.79	9.72	29/11/20	9.24					9.16	9.12	10.47	10.20	9.65	2/12/20	8.92					8.90	8.55	9.67	9.48	9.97
27/11/20	9.81					9.26	9.87	11.69	12.18	9.73	29/11/20	9.18					9.01	8.93	10.35	9.92	9.62	2/12/20	8.91					8.91	8.55	9.61	9.44	10.03
27/11/20	9.89					9.43	10.14	11.25	12.23	9.76	29/11/20	9.15					9.07	8.97	10.27	9.64	9.59	2/										

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9		ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9		ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9
3/12/20	9.06				8.90	9.60	9.49	9.60	9.44	9.75	6/12/20					5.35	8.77	8.52	8.08	8.20	9.12	8/12/20					5.58	8.39	8.26	8.51	8.41	9.19
3/12/20	9.06				8.48	9.59	9.47	9.50	9.35	9.67	6/12/20					5.55	8.76	8.56	8.04	8.25	9.11	8/12/20					5.82	8.52	8.30	8.55	8.43	9.06
3/12/20	9.08				8.42	9.62	9.35	9.60	9.41	9.62	6/12/20					5.43	8.75	8.54	8.21	8.12	8.99	8/12/20					5.95	8.56	8.34	8.63	8.45	9.13
3/12/20	9.21				8.36	9.42	9.33	9.85	9.44	9.67	6/12/20					5.65	8.70	8.53	8.17	8.05	9.01	8/12/20					6.29	8.54	8.37	8.51	8.48	9.09
3/12/20	9.13				7.74	9.40	9.23	9.91	9.47	9.80	6/12/20					5.43	8.68	8.53	8.20	8.07	9.19	8/12/20					6.50	8.53	8.34	8.37	8.47	9.10
3/12/20	9.04				7.63	9.25	9.18	9.69	9.41	9.80	6/12/20					5.73	8.64	8.54	8.21	7.99	9.08	8/12/20					6.04	8.51	8.32	8.33	8.49	9.12
3/12/20	9.18				9.20	9.14	9.09	9.58	9.40	9.67	6/12/20					5.80	8.59	8.45	8.13	8.14	9.08	8/12/20					5.70	8.52	8.34	8.33	8.49	9.07
3/12/20	9.21				9.48	9.13	9.01	9.54	9.39	9.48	6/12/20					6.12	8.56	8.44	8.01	8.12	9.03	8/12/20					5.97	8.44	8.33	8.42	8.48	9.08
3/12/20	9.16				7.79	9.05	9.00	9.48	9.31	9.41	6/12/20					5.90	8.54	8.43	7.94	8.20	9.04	8/12/20					6.33	8.42	8.36	8.44	8.44	9.12
4/12/20	9.25				6.40	8.98	8.98	9.48	9.21	9.43	6/12/20					6.33	8.56	8.47	7.91	8.22	8.90	8/12/20					5.98	8.53	8.35	8.44	8.39	9.07
4/12/20	9.13				7.59	8.94	8.96	9.65	9.12	9.43	6/12/20					6.10	8.44	8.49	7.86	8.16	8.84	8/12/20					5.76	8.47	8.37	8.43	8.36	9.07
4/12/20	9.01				5.76	8.91	8.89	9.46	8.95	9.42	6/12/20					6.20	8.57	8.50	7.69	8.17	8.86	8/12/20					5.73	8.44	8.38	8.48	8.45	9.12
4/12/20	8.90				3.91	8.83	8.88	9.48	8.80	9.40	6/12/20					6.07	8.56	8.50	7.89	8.25	8.85	8/12/20					5.73	8.45	8.39	8.63	8.59	9.15
4/12/20	8.78				3.57	8.80	8.84	9.48	8.59	9.35	6/12/20					6.14	8.52	8.51	7.95	8.34	8.72	8/12/20					5.66	8.48	8.43	8.73	8.78	9.15
4/12/20	8.68				6.47	8.68	8.82	9.53	8.47	9.38	6/12/20					5.98	8.46	8.54	7.81	8.41	8.62	8/12/20					5.82	8.50	8.48	8.83	8.89	9.18
4/12/20	8.54				4.46	8.69	8.88	9.48	8.42	9.32	6/12/20					6.10	8.51	8.53	7.40	8.32	8.54	8/12/20					5.65	8.52	8.51	9.01	9.00	9.22
4/12/20	8.43				5.44	8.69	8.98	9.45	8.37	9.33	6/12/20					6.17	8.48	8.53	7.68	8.13	8.67	8/12/20					5.68	8.54	8.50	9.15	9.02	9.22
4/12/20	8.33				5.42	8.65	8.82	9.46	8.36	9.35	6/12/20					5.90	8.41	8.53	7.84	8.08	8.76	8/12/20					5.75	8.60	8.54	9.20	9.00	9.22
4/12/20	8.20				5.40	8.74	8.62	9.46	8.37	9.37	6/12/20					6.08	8.34	8.54	7.85	8.06	9.00	8/12/20					5.80	8.60	8.59	9.09	8.99	9.23
4/12/20	8.09				4.94	8.59	8.53	9.42	8.86	9.36	6/12/20					6.07	8.46	8.52	7.98	8.11	9.05	9/12/20					5.81	8.61	8.60	9.10	8.96	9.24
4/12/20	7.98				5.24	8.82	8.50	9.35	8.73	9.44	6/12/20					6.35	8.45	8.49	7.98	8.14	9.01	9/12/20					5.86	8.53	8.56	9.31	8.92	9.25
4/12/20	7.88				5.22	8.72	8.43	9.40	8.80	9.49	6/12/20					5.80	8.33	8.54	7.87	8.17	8.89	9/12/20					5.88	8.56	8.52	9.31	8.89	9.24
4/12/20	7.78				5.31	8.84	8.36	9.18	8.83	9.48	6/12/20					5.94	8.41	8.51	7.78	8.10	8.95	9/12/20					5.93	8.32	8.55	9.40	8.84	9.23
4/12/20	7.68				4.66	8.83	8.41	9.13	8.76	9.50	6/12/20					5.31	8.35	8.56	7.69	8.37	9.23	9/12/20					5.81	8.43	8.58	9.24	8.86	9.27
4/12/20	7.57				5.23	8.85	8.41	9.20	8.76	9.59	6/12/20					5.73	8.34	8.53	7.71	8.29	9.07	9/12/20					5.79	8.43	8.58	9.14	8.95	9.27
4/12/20	7.38				4.94	8.77	8.59	9.46	8.77	9.44	6/12/20					5.92	8.39	8.53	7.78	8.32	8.87	9/12/20					5.76	8.60	8.56	9.04	8.92	9.30
4/12/20	7.17				4.05	8.75	8.68	9.25	8.82	9.47	6/12/20					5.73	8.39	8.54	7.53	8.33	8.81	9/12/20					5.77	8.55	8.54	9.07	8.85	9.22
4/12/20	7.02				4.22	8.78	8.84	9.18	8.87	9.49	6/12/20					5.97	8.40	8.57	7.34	8.25	8.77	9/12/20					5.64	8.50	8.37	9.13	8.83	9.17
4/12/20	6.81				3.42	8.78	8.78	9.05	8.89	9.41	6/12/20					5.65	8.31	8.57	7.32	8.24	8.74	9/12/20					5.63	8.50	8.47	9.13	8.84	9.07
4/12/20	6.68				3.73	8.72	8.72	9.08	8.76	9.36	6/12/20					5.92	8.37	8.58	7.49	8.23	8.97	9/12/20					5.66	8.57	8.52	9.08	8.83	9.05
4/12/20	6.50				2.19	8.74	8.78	9.00	8.65	9.34	6/12/20					6.06	8.32	8.55	7.87	8.20	9.14	9/12/20					5.80	8.65	8.56	9.02	8.81	9.08
4/12/20	6.25				3.03	8.72	8.88	9.05	8.55	9.28	6/12/20					6.07	8.30	8.53	7.69	8.18	9.16	9/12/20					5.81	8.64	8.60	9.05	8.79	9.12
4/12/20	5.99				2.72	8.68	8.87	9.16	8.58	9.24	6/12/20					5.95	8.40	8.50	7.67	8.18	9.16	9/12/20					5.77	8.72	8.63	9.13	8.83	9.17
4/12/20	5.77				3.06	8.63	8.96	9.17	8.57	9.26	6/12/20					6.17	8.42	8.50	7.74	8.19	9.28	9/12/20					5.84	8.77	8.63	9.10	8.83	9.16
4/12/20	5.60				3.67	8.64	9.05	9.23	8.71	9.26	6/12/20					6.04	8.33	8.52	8.13	8.17	9.25	9/12/20					5.80	8.85	8.65	9.14	8.82	9.23
4/12/20	5.44				3.35	8.62	9.10	9.27	8.65	9.29	6/12/20					6.12	8.27	8.49	8.70	8.09	9.20	9/12/20					5.78	8.89	8.63	9.08	8.81	9.26
4/12/20	5.32				3.65	8.70	8.96	9.21	8.96	9.33	6/12/20					5.73	8.09	8.49	8.25	8.04	8.86	9/12/20					5.83	8.84	8.58	9.11	8.80	9.27
4/12/20	5.22				3.89	8.79	8.83	9.36	9.02	9.46	6/12/20					6.06	8.31	8.50	7.34	8.11	8.79	9/12/20					5.83	8.83	8.65	9.01	8.82	9.27
4/12/20	5.26				4.02	8.75	9.03	10.39	9.32	9.48	7/12/20					6.11	8.13	8.51	7.36	8.17	8.51	9/12/20					5.80	8.84	8.66	9.00	8.81	9.27
4/12/20	5.55				4.21	8.74	9.45	10.20	9.46	9.46	7/12/20					5.73	8.08	8.49	7.08	8.22	8.45	9/12/20			9.76		5.83	8.86	8.69	8.98	8.80	9.24
4/12/20	6.04				4.30	8.80	9.55	9.98	9.53	9.43	7/12/20					5.79	8.20	8.52	7.24	8.17	8.36	9/12/20			9.84		5.92	8.79	8.71	8.96	8.81	9.22
4/12/20	6.40				4.50	8.84	9.55	9.90	9.56	9.45	7/12/20					6.06	8.03	8.53	7.26	8.15	8.40	9/12/20			9.73		5.86	8.81	8.68	9.00	8.81	9.22
4/12/20	6.67				4.41	8.94	9.33	9.91	9.56	9.52	7/12/20					6.25	8.12	8.53	7.18	8.17	8.37	9/12/20			9.57		5.94	8.85	8.70	9.00	8.79	9.21
4/12/20	7.05				4.56	9.06	9.15	9.84	9.57	9.53	7/12/20					6.19	8.04	8.54	6.96	8.16	8.46	9/12/20			9.40		5.84	8.81	8.74	8.98	8.81	9.16
4/12/20	7.33				4.51	9.11	9.04	9.73	9.56	9.54	7/12/20					6.15	7.98	8.53	6.79	8.08	8.43	9/12/20					5.86	8.75	8.80	8.87	8.78	9.10
4/12/20	7.46				4.41	9.15	8.98	9.65	9.51	9.52	7/12/20					6.03	7.82	8.52	6.66	8.09	8.49	9/12/20					5.87	8.72	8.77	8.87	8.76	9.15
4/12/20	7.53		</																													

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l
11/12/20	8.96				6.13	9.10	8.77	8.91	8.95	9.11	13/12/20	9.40				7.11	8.24	8.51	9.28	8.45	9.06	15/12/20	8.59				5.34	10.55	9.24	9.52	10.28	9.26
11/12/20	8.90				6.27	9.09	8.77	8.87	8.97	9.01	13/12/20	9.49				6.88	8.19	8.55	9.35	8.45	8.98	15/12/20	8.57				5.39	10.62	9.22	9.59	10.21	9.31
11/12/20	8.91				6.07	9.10	8.75	8.89	8.97	9.07	13/12/20	9.47				7.10	8.34	8.55	9.38	8.61	9.05	15/12/20	8.47				5.25	10.71	9.19	9.71	10.12	9.30
11/12/20	8.90				6.13	8.94	8.75	8.85	8.98	9.08	13/12/20	9.35				7.27	8.33	8.67	9.33	8.84	9.04	15/12/20	8.72				5.12	10.30	9.10	11.02	10.20	9.33
11/12/20	8.85				6.10	8.86	9.08	8.93	9.18	8.91	13/12/20	9.34				7.39	8.34	8.92	9.03	8.74	9.04	15/12/20	8.75				5.06	10.77	9.02	10.29	10.40	9.43
11/12/20	8.85				6.28	8.82	9.05	9.07	9.04	8.97	13/12/20	9.26				7.36	8.36	8.89	9.18	9.08	9.03	15/12/20	8.85				5.03	10.73	9.06	10.11	10.42	9.41
11/12/20	8.82				6.38	8.77	9.02	8.88	9.18	8.79	13/12/20	9.18				7.61	8.44	8.96	10.02	9.41	9.06	15/12/20	8.87				5.07	10.62	9.02	10.15	10.33	9.39
11/12/20	8.81				6.09	8.74	8.72	8.75	9.11	8.78	13/12/20	9.27				7.88	8.67	9.18	9.99	9.75	9.08	15/12/20	9.25				5.01	10.59	8.99	10.10	10.26	9.39
11/12/20	8.83				6.33	8.70	8.80	8.79	9.05	8.67	13/12/20	9.33				7.82	8.95	9.34	10.03	10.20	9.09	15/12/20	9.35				4.90	10.57	8.94	10.06	10.12	9.37
11/12/20	8.81				6.34	8.70	8.80	8.77	9.04	8.61	13/12/20	8.98				7.50	9.16	9.39	9.36	10.85	9.09	15/12/20	9.34				4.42	10.49	8.97	10.00	9.91	9.37
11/12/20	8.82				6.41	8.73	8.74	8.83	9.03	8.58	13/12/20	8.86				7.96	9.46	9.17	9.37	11.31	9.01	16/12/20	9.96				4.23	10.43	8.94	9.89	9.69	9.34
11/12/20	8.80				6.30	8.60	8.73	8.83	9.02	8.61	13/12/20	8.76				8.09	9.53	9.11	9.30	11.51	8.95	16/12/20	9.00				4.35	10.29	8.89	9.77	9.56	9.35
11/12/20	8.72				6.00	8.43	8.70	8.67	8.98	8.84	13/12/20	8.75				8.39	9.66	9.20	9.26	11.46	8.97	16/12/20	9.13				4.27	10.55	8.85	9.69	9.36	9.30
11/12/20	8.66				6.37	8.26	8.65	8.54	8.93	8.48	13/12/20	8.79				8.55	9.73	9.24	9.46	11.18	8.93	16/12/20	9.13				4.33	10.12	8.81	9.66	9.11	9.28
11/12/20	8.75				6.43	8.53	8.62	8.59	8.90	8.55	13/12/20	8.79				8.32	9.74	9.23	9.31	10.94	8.92	16/12/20	9.12				4.32	10.40	8.82	9.67	9.09	9.26
11/12/20	8.76				6.41	8.52	8.60	8.69	8.86	8.54	13/12/20	8.81				8.53	9.60	9.23	9.42	10.86	8.85	16/12/20	9.56				4.38	10.49	8.84	9.54	8.83	9.22
11/12/20	8.68				6.07	8.57	8.64	8.56	8.81	8.58	13/12/20	8.85				8.42	9.64	9.18	9.47	10.71	9.02	16/12/20	9.26				4.42	10.48	8.85	9.50	8.88	9.22
11/12/20	8.75				6.27	8.41	8.63	8.60	8.79	8.54	13/12/20	8.95				8.11	9.64	9.52	9.30	10.57	9.10	16/12/20	9.25				4.42	10.49	8.88	9.71	9.06	9.21
11/12/20	8.70				6.44	8.41	8.69	8.67	8.80	8.53	13/12/20	9.15				7.92	9.24	9.63	10.00	10.54	9.13	16/12/20	8.96				4.46	10.52	8.85	9.69	9.15	9.22
11/12/20	8.66				6.50	8.44	8.73	8.63	8.81	8.54	13/12/20	9.44				7.63	9.19	9.64	10.75	10.80	9.17	16/12/20	8.51				4.52	10.54	8.85	9.43	9.17	9.16
11/12/20	8.75				6.31	8.47	8.78	8.66	8.83	8.57	13/12/20	9.30				7.65	9.04	9.56	10.32	10.70	9.18	16/12/20	8.37				4.61	10.43	8.84	9.27	9.25	9.18
11/12/20	8.79				6.49	8.52	8.78	8.62	8.84	8.59	13/12/20	9.71				7.55	8.97	9.40	10.36	10.51	9.21	16/12/20	8.18				4.58	10.53	8.88	9.26	9.37	9.24
11/12/20	8.83				6.38	8.55	8.81	8.64	8.89	8.59	13/12/20	9.81				7.55	8.95	9.22	10.25	10.35	9.21	16/12/20	8.10				4.60	10.16	8.91	9.17	9.42	9.20
11/12/20	8.81				6.37	8.63	8.86	8.70	9.02	8.56	13/12/20	9.90				7.06	8.87	9.20	10.03	10.12	9.18	16/12/20	8.21				4.50	9.79	8.88	9.22	9.45	9.27
11/12/20	8.68				6.72	8.58	8.87	8.73	9.58	9.01	13/12/20	9.98				6.55	8.78	8.95	9.86	9.83	9.13	16/12/20	8.73				4.40		8.78	9.47	9.43	9.28
11/12/20	8.85				7.01	8.75	8.91	9.03	10.09	8.81	13/12/20	9.97				5.98	8.70	8.94	9.80	9.52	9.11	16/12/20	8.80				4.32		8.73	9.39	9.44	9.27
11/12/20	8.98				7.07	8.87	9.14	9.00	10.56	9.03	13/12/20	10.01				5.96	8.60	8.81	9.71	9.29	9.10	16/12/20	8.90				4.38		8.67	9.30	9.42	9.23
11/12/20	9.06				7.08	8.94	9.14	11.10	10.62	9.03	13/12/20	9.89				6.21	8.57	8.78	9.75	8.94	9.12	16/12/20	9.13				4.45		8.65	9.28	9.28	9.22
11/12/20	9.15				7.01	8.97	9.11	10.12	10.71	9.01	13/12/20	9.95				6.13	8.40	8.78	9.97	8.68	9.10	16/12/20	9.15				4.49		8.69	9.34	9.05	9.19
11/12/20	8.93				7.22	9.00	9.21	9.42	10.80	9.21	14/12/20	10.04				6.13	8.74	8.87	9.97	8.54	8.96	16/12/20	9.17				4.49		8.69	9.46	8.89	9.20
11/12/20	8.89				7.25	8.93	9.57	9.49	11.02	9.15	14/12/20	10.03				6.14	8.60	9.07	9.69	8.66	9.05	16/12/20	9.16				4.43		8.69	9.43	8.78	9.17
11/12/20	8.66				7.38	8.97	9.63	9.28	10.73	9.12	14/12/20	10.16				6.22	8.53	9.26	9.58	8.56	9.08	16/12/20	9.22				4.47		8.67	9.23	8.63	9.13
11/12/20	8.64				7.33	8.89	9.31	9.15	10.57	9.31	14/12/20	9.59				6.26	8.57	9.18	9.51	8.91	9.12	16/12/20	9.29				4.42		8.67	9.35	8.52	9.10
11/12/20	9.04				7.81	8.83	9.37	9.33	10.56	9.03	14/12/20	9.38				6.42	8.69	9.06	9.64	9.09	9.18	16/12/20	9.24				4.38		8.66	9.19	8.45	9.08
11/12/20	9.17				7.65	8.91	9.33	8.83	10.56	8.73	14/12/20	9.28				6.55	8.66	8.98	9.77	9.09	9.13	16/12/20	9.33				4.34		8.59	9.09	8.45	9.01
11/12/20	9.51				7.73	8.87	9.31	8.74	10.52	9.00	14/12/20	9.08				6.86	8.68	8.93	9.65	8.98	9.07	16/12/20	9.33				4.44	8.49	8.72	9.18	8.50	9.15
11/12/20	9.46				7.52	8.75	9.32	9.38	10.52	9.03	14/12/20	8.86				6.83	8.85	8.92	9.58	9.07	9.06	16/12/20	9.28				4.44	8.42	8.91	9.28	8.67	9.26
11/12/20	9.22				7.44	8.70	9.33	9.38	10.08	8.95	14/12/20	8.78				7.08	8.98	9.01	9.36	9.32	9.09	16/12/20	9.49				4.56	8.40	9.04	9.38	9.28	9.30
11/12/20	9.11				7.43	8.82	9.53	9.36	10.07	9.03	14/12/20	8.66				6.61	8.97	9.03	9.23	9.71	9.03	16/12/20	9.50				4.75	8.43	8.81	9.49	9.43	9.23
11/12/20	9.19				7.29	8.79	9.50	9.57	9.97	9.01	14/12/20	8.63				6.62	8.84	9.02	9.44	9.87	8.96	16/12/20	9.28				4.66	8.46	8.81	9.85	9.75	9.22
11/12/20	9.21				7.20	8.76	9.42	9.59	9.82	8.95	14/12/20	8.83				6.50	8.85	8.97	9.54	9.88	9.01	16/12/20	9.20				4.86	8.70	8.94	9.71	10.07	9.21
11/12/20	9.54				7.17	8.77	9.30	9.53	9.66	8.89	14/12/20	8.99				6.16	8.53	8.91	9.34	9.82	9.09	16/12/20	8.92				5.14	8.85	9.04	9.85	10.31	9.25
11/12/20	9.48				7.41	8.78	9.22	9.40	9.50	8.87	14/12/20	9.06				5.63	8.53	8.98	9.37	9.75	9.08	16/12/20	8.59				5.30	8.98	9.16	9.81	10.48	9.21
11/12/20	9.39				7.14	8.62	9.09	9.41	9.32	8.85	14/12/20	9.14																				

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l
18/12/20	8.62				4.81	8.64	8.74	9.87	9.03	9.04	20/12/20	9.01				5.37	8.31	9.62	10.05	9.73	8.89	22/12/20	8.09				6.08	8.60	8.67	9.45	11.66	9.05
18/12/20	8.55				4.74	8.63	8.73	9.91	9.19	9.05	20/12/20	8.73				5.26	8.38	9.91	10.06	9.58	8.87	23/12/20	8.32				6.16	8.50	8.42	9.23	11.67	9.03
18/12/20	8.16				4.79	8.67	8.71	9.82	9.40	9.10	20/12/20	8.69				5.32	8.70	9.95	10.20	9.54	9.08	23/12/20	8.26				5.96	8.49	8.48	8.72	11.52	8.54
18/12/20	8.22				4.80	8.65	8.66	9.42	9.48	9.10	20/12/20	9.05				5.72	8.62	9.49	10.38	9.80	9.15	23/12/20	8.20				5.93	8.30	8.50	9.64	11.35	8.44
18/12/20	8.32				4.83	8.60	8.65	9.42	9.44	9.12	20/12/20	8.93				5.84	8.52	9.63	10.58	10.25	9.18	23/12/20	8.07				5.83	8.04	8.77	9.93	10.94	8.37
18/12/20	8.51				4.85	8.58	8.65	9.28	9.52	9.14	20/12/20	8.83				5.90	8.59	9.67	11.23	10.96	9.13	23/12/20	8.14				5.77	8.04	8.79	9.24	10.70	8.47
18/12/20	8.53				4.74	8.37	8.69	9.17	9.55	9.11	20/12/20	8.89				6.01	8.72	9.46	12.13	11.65	9.24	23/12/20	8.19				5.71	8.08	8.67	9.15	10.41	8.60
18/12/20	8.50				4.74	8.56	8.75	9.30	9.56	9.11	20/12/20	8.91				5.82	8.85	9.33	11.24	11.78	9.25	23/12/20	7.81				5.71	8.06	8.60	9.09	10.07	8.80
18/12/20	8.52				4.71	8.58	8.75	9.58	9.51	9.08	20/12/20	8.84				5.75	8.91	9.12	11.02	12.09	9.10	23/12/20	8.40				5.69	7.98	8.53	9.16	9.83	8.68
18/12/20	8.52				4.64	8.58	8.72	9.49	9.54	9.08	20/12/20	8.82				5.67	9.00	9.12	10.52	11.89	9.03	23/12/20	8.48				5.12	8.01	8.61	9.24	9.53	8.73
18/12/20	8.45				4.64	8.58	8.69	9.37	9.50	9.08	20/12/20	8.74				5.71	8.99	9.13	10.23	11.79	9.10	23/12/20	8.57				5.01	8.07	8.69	9.31	9.34	8.78
18/12/20	8.51				4.66	8.58	8.76	9.50	9.46	9.04	20/12/20	8.67				5.68	9.06	9.18	10.28	11.93	9.08	23/12/20	8.61				4.86	7.99	8.63	9.24	8.95	8.83
18/12/20	8.52				4.70	8.57	8.84	9.64	9.19	9.02	20/12/20	8.60				5.69	9.19	9.36	10.15	11.86	9.05	23/12/20	8.54				4.78	8.77	8.46	9.18	8.71	8.85
18/12/20	8.58				4.74	8.54	8.90	9.70	9.01	8.96	20/12/20	8.50				5.69	9.29	9.32	9.98	11.65	9.01	23/12/20	8.16				4.73	7.80	8.28	9.07	8.58	8.88
18/12/20	8.54				4.87	8.54	8.91	9.76	8.94	8.95	20/12/20	8.36				5.69	9.23	9.23	9.75	11.44	8.92	23/12/20	8.07				4.87	7.36	8.17	9.00	8.55	8.90
18/12/20	8.49				4.87	8.55	8.99	9.80	8.80	8.99	20/12/20	8.41				5.66	9.29	9.19	9.57	11.21	9.00	23/12/20	8.33				4.80	7.63	8.02	8.95	8.49	8.80
18/12/20	8.53				4.90	8.40	8.99	9.79	8.70	8.95	20/12/20	8.42				5.67	9.20	9.15	9.85	11.03	9.00	23/12/20	8.51				5.25	7.65	7.56	8.94	8.42	8.69
18/12/20	8.52				4.91	8.75	8.95	9.96	8.82	8.90	20/12/20	8.47				5.58	9.14	9.20	10.21	11.93	9.01	23/12/20	8.54				4.97	7.56	7.59	8.95	8.40	8.49
18/12/20	8.71				4.96	8.48	9.05	9.94	9.04	9.00	20/12/20	8.50				5.59	8.87	9.15	10.85	10.94	9.03	23/12/20	8.46				5.12	7.36	7.55	9.01	8.95	8.58
18/12/20	8.83				4.91	8.43	9.15	10.50	10.00	9.05	20/12/20	8.52				5.55	8.78	9.03	10.69	10.92	9.00	23/12/20	8.21				5.32	7.53	7.52	9.16	9.12	8.65
18/12/20	9.06				5.25	8.41	9.08	11.37	10.55	9.11	21/12/20	8.51				5.56	8.62	9.07	10.66	10.74	9.02	23/12/20	7.77				5.29	7.64	7.42	9.02	8.99	8.59
18/12/20	9.23				5.30	8.41	9.09	11.52	10.83	9.08	21/12/20	8.45				5.55	8.62	9.09	10.72	10.85	8.98	23/12/20	7.62				5.37	7.63	7.48	9.07	9.26	8.57
18/12/20	9.18				5.23	8.52	9.17	11.61	11.28	9.07	21/12/20	8.42				5.56	8.62	8.88	10.95	10.88	8.86	23/12/20	7.42				5.47	7.67	7.42	9.19	9.62	8.67
18/12/20	9.15				5.29	8.69	9.26	10.72	11.50	9.03	21/12/20	8.38				5.54	8.61	8.82	10.90	10.82	8.82	23/12/20	7.39				5.58	7.76	7.43	9.31	9.85	8.71
18/12/20	8.97				5.40	8.92	9.27	10.31	11.50	9.21	21/12/20	8.48				5.52	8.50	8.77	10.59	10.65	8.84	23/12/20	7.52				5.83	7.96	7.65	9.19	9.87	8.70
18/12/20	8.70				5.42	9.10	9.22	9.82	11.52	9.17	21/12/20	8.46				5.48	8.31	8.75	10.45	10.40	8.87	23/12/20	7.66				6.01	8.05	7.74	9.52	10.34	8.67
18/12/20	8.53				5.57	9.13	9.13	9.66	11.20	9.23	21/12/20	8.52				5.46	8.38	8.74	10.24	10.04	8.86	23/12/20	7.68				6.19	8.12	7.62	9.88	10.73	8.66
18/12/20	8.48				5.63	9.44	9.14	9.85	10.79	9.23	21/12/20	8.61				5.06	8.33	8.73	10.11	9.72	8.88	23/12/20	7.70				6.15	8.08	8.05	9.81	10.86	8.68
18/12/20	8.51				5.60	9.36	9.15	9.10	10.78	9.23	21/12/20	8.66				4.94	8.27	8.73	9.96	9.46	8.90	23/12/20	7.84				6.10	8.13	8.39	9.74	10.97	8.69
18/12/20	8.49				5.58	9.31	9.09	9.59	10.68	9.24	21/12/20	8.66				4.85	8.22	8.71	9.75	9.31	8.92	23/12/20	7.80				6.51	8.09	8.40	9.46	11.14	8.81
18/12/20	8.55				5.56	9.16	9.10	9.57	10.58	9.31	21/12/20	8.42				4.77	8.12	8.62	9.63	9.18	8.88	23/12/20	7.88				6.47	8.12	8.52	9.62	11.25	8.78
18/12/20	8.46				5.54	9.20	9.15	9.65	10.45	9.42	21/12/20	8.75				4.85	8.22	8.28	9.62	9.00	8.86	23/12/20	8.08				6.61	8.10	8.48	9.68	11.59	8.85
18/12/20	8.44				5.54	9.23	9.10	10.18	10.28	9.37	21/12/20	8.90				5.21	8.13	8.31	9.56	8.93	8.81	23/12/20	8.16				6.64	8.06	8.50	9.47	11.82	7.99
18/12/20	8.39				5.54	9.28	9.03	10.01	10.16	9.30	21/12/20	8.66				5.08	8.14	8.26	9.51	8.94	8.78	23/12/20	8.08				6.64	8.05	8.47	9.61	11.88	8.86
18/12/20	8.53				5.58	8.94	8.99	11.23	10.29	9.31	21/12/20	8.35				5.13	8.06	8.20	9.62	8.93	8.80	23/12/20	7.98				6.48	8.13	8.48	9.47	11.82	8.74
18/12/20	8.68				5.48	8.84	8.99	11.40	10.73	9.27	21/12/20	7.91				5.24	8.01	8.00	9.86	9.01	8.83	23/12/20	7.90				6.43	8.12	8.51	9.45	11.59	8.72
18/12/20	8.74				5.39	9.00	9.01	11.11	10.65	9.33	21/12/20	7.79				5.29	8.10	7.91	9.51	9.18	8.67	23/12/20	7.75				6.37	8.08	8.45	9.49	11.23	8.71
18/12/20	8.67				5.35	8.99	8.96	10.67	10.70	9.26	21/12/20	7.74				5.33	8.19	7.85	9.38	9.43	8.72	23/12/20	7.79				6.54	8.18	8.50	9.45	10.48	8.66
18/12/20	8.62				5.28	8.88	9.04	10.76	10.69	9.20	21/12/20	7.61				5.36	8.24	7.81	9.45	9.70	8.88	23/12/20	7.71				6.61	8.25	8.60	9.30	10.25	8.80
19/12/20	8.61				5.29	8.86	9.01	10.71	10.65	9.16	21/12/20	7.57				5.37	8.35	7.85	9.50	9.89	8.98	23/12/20	7.80				6.61	8.27	8.53	9.35	10.19	8.66
19/12/20	8.61				5.46	8.81	8.99	10.63	10.57	9.16	21/12/20	7.88				5.40	8.41	7.91	9.59	9.99	8.96	23/12/20	7.84				5.78	8.14	8.39	9.56	10.09	8.75
19/12/20	8.75				5.34	8.75	8.96	10.58	10.40	9.15	21/12/20	8.09				5.40	8.60	8.33	9.76	10.25	8.97	23/12/20	8.03				5.65	8.25	8.32	9.63	9.94	8.69
19/12/20	8.87				4.95	8.57	8.93	10.50	10.14	9.13	21/12/20	8.09				5.44	8.63	8.25	10.01	10.48	9.02	23/12/20	8.10				5.60	8.09	8.42	9.59	9.84	8.57
19/12/20	9.00																															

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l
25/12/20	8.25				6,72	7,27	6,84	8,03	7,94	8,25	27/12/20	10,07				7,50	9,34	9,27	10,68	10,20	9,72	30/12/20	8,65				7,53	8,75	8,89	9,21	9,31	9,66
25/12/20	8,27				6,70	6,99	6,76	7,99	8,15	8,20	27/12/20	10,13				7,45	9,34	9,29	10,59	10,39	9,61	30/12/20	8,73				7,87	8,85	8,81	9,29	9,36	9,57
25/12/20	8,19				6,77	7,13	6,63	8,08	8,33	8,23	27/12/20	10,18				7,37	9,30	9,08	10,86	10,52	9,64	30/12/20	8,73				7,47	8,85	8,74	9,38	9,33	9,53
25/12/20	8,09				6,50	7,27	6,43	8,07	8,39	8,28	27/12/20	10,21				7,43	9,12	9,25	10,82	10,34	9,57	30/12/20	8,74				7,47	8,83	8,89	9,50	9,29	9,62
25/12/20	7,87				6,97	7,44	6,00	8,32	8,55	8,28	27/12/20	10,10				7,41	9,08	9,24	10,74	10,16	9,48	30/12/20	8,78				7,36	8,80	9,04	9,57	9,27	9,53
25/12/20	7,77				6,92	7,55	5,47	8,66	8,94	8,30	27/12/20	10,05				7,22	9,02	9,15	10,56	10,03	9,44	30/12/20	8,74				7,62	8,75	9,18	9,49	9,26	9,58
25/12/20	7,78				7,10	7,60	5,24	8,66	9,34	8,42	27/12/20	10,01				7,19	8,97	9,20	10,38	9,86	9,40	30/12/20	8,97				7,50	8,79	9,14	9,51	9,24	9,48
25/12/20	7,82				7,23	7,58	5,95	8,73	9,71	8,39	27/12/20	10,03				7,26	8,86	9,09	10,30	9,66	9,37	30/12/20	9,04				7,29	8,67	9,16	9,39	9,30	9,46
25/12/20	7,86				7,03	7,51	6,36	8,60	10,04	8,36	27/12/20	10,00				6,65	8,77	8,98	10,08	9,49	9,32	30/12/20	8,86				7,27	8,44	9,13	9,32	9,35	9,37
25/12/20	7,92				7,37	7,54	8,19	8,61	9,93	8,34	27/12/20	10,03				6,97	8,76	8,86	10,08	9,33	9,34	30/12/20	8,87				7,75	8,39	9,13	9,22	9,19	9,27
25/12/20	8,06				6,75	7,48	8,15	8,57	9,85	8,44	27/12/20	10,02				6,58	8,87	8,50	9,88	9,17	9,37	30/12/20	8,95				7,33	8,50	9,02	9,35	9,21	9,21
25/12/20	8,10				7,16	7,54	8,37	8,46	9,75	8,59	28/12/20	9,99				6,88	8,64	8,48	9,82	9,06	9,40	30/12/20	8,99				7,28	8,57	8,84	9,32	9,16	9,23
25/12/20	8,26				7,36	7,64	8,57	8,32	9,56	8,56	28/12/20	9,77				6,77	8,59	8,12	9,72	9,10	9,39	30/12/20	9,08				7,56	8,64	8,81	9,30	9,15	9,26
25/12/20	8,33				6,97	7,76	8,46	8,51	9,54	8,61	28/12/20	9,68				6,88	8,70	7,71	9,69	9,14	9,39	30/12/20	9,17				7,78	8,69	8,74	9,35	9,06	9,18
25/12/20	8,47				6,96	8,02	8,47	9,15	9,53	8,64	28/12/20	9,65				6,99	8,79	7,65	9,83	9,37	9,41	30/12/20	9,19				7,77	8,68	8,88	9,34	9,00	9,22
25/12/20	8,45				7,14	8,32	8,35	9,56	9,42	8,60	28/12/20	9,60				7,05	8,95	7,70	9,84	9,55	9,43	30/12/20	9,04				8,24	8,57	8,93	9,28	9,55	9,18
25/12/20	8,09				7,12	8,42	8,18	9,35	9,39	8,72	28/12/20	9,64				7,06	8,90	7,66	9,73	9,68	9,27	30/12/20	9,09				8,13	8,62	8,92	9,34	8,92	9,18
25/12/20	8,17				7,13	8,40	8,07	9,40	9,42	8,64	28/12/20	9,58				7,16	9,07	7,53	9,66	9,63	9,17	30/12/20	9,18				7,96	8,60	8,88	9,40	8,88	9,15
25/12/20	8,32				7,10	8,43	7,98	9,05	9,51	8,58	28/12/20	9,45				6,98	8,96	8,72	9,69	9,63	9,37	30/12/20	9,19				8,23	8,56	8,87	9,40	8,84	9,13
25/12/20	8,38				6,95	8,47	8,10	9,27	9,48	8,64	28/12/20	9,55				6,99	9,17	8,77	9,79	9,75	9,31	30/12/20	9,19				8,17	8,53	8,81	9,32	8,82	9,12
25/12/20	8,46				7,15	8,53	7,99	9,20	9,47	8,62	28/12/20	9,61				7,12	9,05	8,75	10,12	9,77	9,38	30/12/20	8,95				7,79	8,40	8,75	9,28	9,17	9,50
25/12/20	8,48				7,19	8,57	8,00	9,09	9,32	8,51	28/12/20	9,59				6,76	8,83	8,88	9,94	9,74	9,46	30/12/20	9,09				8,12	8,39	8,64	9,27	9,31	9,59
25/12/20	8,63				7,84	8,60	8,08	8,89	9,23	8,44	28/12/20	9,48				7,01	8,69	8,72	9,78	9,60	9,44	30/12/20	8,93				8,05	8,27	8,70	9,57	9,62	9,53
25/12/20	8,56				7,76	8,61	8,15	8,82	9,13	8,48	28/12/20	9,58				6,93	8,76	8,75	9,79	9,55	9,32	30/12/20	8,81				7,96	8,48	8,89	10,16	9,86	9,32
25/12/20	8,43				6,92	8,55	8,26	8,75	9,00	8,69	28/12/20	9,60				6,66	8,74	8,86	9,87	9,51	9,34	30/12/20	8,72				7,83	8,38	8,88	9,99	9,96	9,54
25/12/20	8,35				7,03	8,53	8,28	8,75	8,84	8,72	28/12/20	9,48				6,77	8,83	8,82	9,80	9,48	9,28	30/12/20	8,63				8,15	8,45	8,89	9,65	10,07	9,73
25/12/20	8,39				6,76	8,55	8,24	8,71	8,69	8,74	28/12/20	9,43				6,92	8,93	8,85	9,76	9,35	9,29	30/12/20	8,59				7,84	8,64	8,84	9,42	9,94	9,77
25/12/20	8,42				6,86	8,49	8,12	8,73	8,55	8,76	28/12/20	9,25				7,02	9,01	8,82	9,78	9,40	9,38	30/12/20	8,56				8,28	8,77	8,64	9,37	9,81	9,68
25/12/20	8,44				7,28	8,37	8,21	8,69	8,45	8,76	28/12/20	9,13				7,02	9,12	8,86	9,75	9,38	9,46	30/12/20	8,57				8,15	8,88	8,37	9,63	9,76	9,59
25/12/20	8,38				7,74	8,37	8,18	8,49	8,34	8,82	28/12/20	9,12				7,01	9,16	8,83	9,73	9,35	9,48	30/12/20	8,55				7,92	8,89	8,30	9,62	9,70	9,46
26/12/20	8,31				7,59	8,25	8,34	8,53	8,53	8,86	28/12/20	9,16				7,05	9,14	8,92	9,77	9,38	9,51	30/12/20	8,56				8,00	8,84	8,57	9,23	9,55	9,46
26/12/20	8,31				8,09	8,22	8,33	8,50	8,44	8,79	28/12/20	9,13				7,08	9,08	8,88	9,73	9,41	9,53	30/12/20	8,54				8,27	8,84	8,77	9,14	9,47	9,40
26/12/20	8,39				7,86	8,23	8,36	8,52	8,39	8,91	28/12/20	9,08				7,14	8,99	8,83	9,68	9,49	9,56	30/12/20	8,53				8,17	8,87	8,91	9,06	9,39	9,51
26/12/20	8,41				7,65	8,29	8,39	8,61	8,43	8,90	28/12/20	9,10				7,29	8,96	8,82	9,60	9,40	9,59	30/12/20	8,62				8,02	8,87	8,86	9,38	9,37	9,57
26/12/20	8,39				7,64	8,33	8,40	8,80	8,48	8,86	28/12/20	9,20				7,30	8,72	8,95	9,52	9,27	9,64	30/12/20	8,62				8,03	8,77	8,83	9,47	9,42	9,59
26/12/20	8,40				8,04	8,42	8,43	9,12	8,75	8,84	28/12/20	9,20				7,44	8,58	9,09	9,51	9,08	9,71	30/12/20	8,98				8,12	8,78	8,94	9,61	9,54	9,65
26/12/20	8,43				7,29	8,43	8,12	8,99	8,95	9,03	28/12/20	9,29				7,19	8,58	9,11	9,43	9,74	9,71	30/12/20	8,92				7,95	8,76	8,92	9,67	9,60	9,55
26/12/20	8,45				7,66	8,35	8,17	8,98	8,97	9,05	28/12/20	9,41				7,20	8,53	8,86	9,75	8,65	9,69	30/12/20	8,94				7,94	8,80	8,87	9,71	9,61	9,53
26/12/20	8,42				8,40	8,47	8,21	8,89	8,77	8,99	28/12/20	9,43				7,27	8,58	8,76	10,01	8,65	9,66	30/12/20	8,93				7,78	8,78	8,49	9,76	9,57	9,33
26/12/20	8,43				7,45	8,43	8,18	8,59	8,55	8,97	28/12/20	9,47				6,92	8,46	8,71	10,00	8,62	9,54	30/12/20	8,92				7,83	8,68	8,39	9,77	9,52	9,38
26/12/20	8,45				8,95	8,17	8,08	8,34	8,41	8,95	28/12/20	9,45				7,12	8,63	8,73	10,22	8,57	9,61	30/12/20	9,03				7,27	8,58	8,59	9,72	9,50	9,23
26/12/20	8,38				7,20	8,25	8,02	8,38	8,35	8,96	28/12/20	9,41				7,07	8,70	8,87	10,18	8,48	9,50	30/12/20	9,07				7,23	8,76	8,62	9,66	9,49	9,29
26/12/20	8,38				7,46	8,34	8,04	8,54	8,27	8,93	28/12/20	9,43				7,21	8,86	8,80	9,96	8,37	9,63	30/12/20	9,33				7,88	8,62	8,66	9,61	9,48	9,40
26/12/20	8,41				7,39	8,17	8,07	8,44	8,24	8,76	28/12/20	9,																				

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l
1/1/21	9.51			7.87	8.92	8.98	10.32	10.16	9.43	3/1/21	9.33				7.44			8.67	9.21	9.31	9.28	5/1/21	9.34						7.87	9.61	9.76	9.24
1/1/21	9.46			7.65	8.95	8.87	10.16	10.10	9.40	3/1/21	9.35				7.51			8.75	9.01	9.31	9.28	5/1/21	9.21						8.14	9.54	9.92	9.31
1/1/21	9.42			7.46	8.93	8.75	10.08	9.96	9.36	3/1/21	9.39				7.50			8.72	9.18	9.06	9.24	5/1/21	9.24						8.19	9.44	10.04	9.37
1/1/21	9.56			7.34	8.76	8.60	9.99	9.68	9.31	3/1/21	9.41				7.58			8.75	9.27	8.91	9.28	5/1/21	9.26						8.12	9.46	10.12	9.37
1/1/21	9.53			7.40	8.61	8.36	9.94	9.31	9.28	3/1/21	9.42				7.42			8.86	9.28	8.85	9.21	5/1/21	9.26						8.88	9.59	10.17	9.31
1/1/21	9.54			7.31	8.58	8.93	9.91	9.04	9.27	3/1/21	9.48							8.17	9.38	8.84	9.21	5/1/21	9.25						8.87	9.48	10.18	9.27
1/1/21	9.50			7.31	8.54	9.12	9.83	8.75	9.30	3/1/21	9.43							8.18	9.33	8.88	9.19	5/1/21	9.21						8.91	9.81	10.10	9.26
1/1/21	9.60			7.47	8.56	9.14	9.72	8.84	9.30	3/1/21	9.64							7.93	9.19	8.84	9.26	5/1/21	9.25						8.91	11.19	9.96	9.35
1/1/21	9.44			7.48	8.55	9.21	9.78	9.63	9.29	3/1/21	9.95							7.77	9.22	8.81	9.33	5/1/21	9.24						8.81	9.78	9.94	9.38
1/1/21	9.41			7.53	8.56	9.12	10.07	9.66	9.35	3/1/21	9.64							7.31	9.34	8.85	9.24	5/1/21	9.27						8.83	9.52	9.96	9.43
1/1/21	9.42			7.67	8.55	8.82	9.64	9.69	9.35	3/1/21	9.53							7.24	9.36	9.12	9.29	6/1/21	9.30						8.81	9.62	9.79	9.42
1/1/21	9.41			7.59	8.52	8.84	9.58	9.67	9.33	3/1/21	9.51							7.02	9.52	9.12	9.31	6/1/21	9.31						8.82	9.60	9.76	9.40
1/1/21	9.41			7.76	8.39	8.75	9.62	9.65	9.33	3/1/21	9.78							6.93	9.62	9.71	9.30	6/1/21	9.37						8.83	9.80	9.60	9.36
1/1/21	9.43			8.20	8.33	8.64	9.68	9.66	9.40	3/1/21	9.73							6.96	10.07	9.93	9.25	6/1/21	9.40						8.82	11.70	9.46	9.33
1/1/21	9.40			7.48	8.37	9.13	9.63	9.61	9.40	3/1/21	9.46							7.50	10.38	10.03	9.24	6/1/21	9.40						8.79	11.64	9.38	9.32
1/1/21	9.37			7.21	8.38	9.19	9.52	9.47	9.43	3/1/21	9.43							7.80	10.23	9.99	9.19	6/1/21	9.39						8.73	11.47	9.27	9.27
1/1/21	9.32			7.28	8.30	9.20	9.56	9.44	9.39	3/1/21	9.46							8.39	9.59	9.87	9.25	6/1/21	9.38						8.62	11.35	9.13	9.26
1/1/21	9.32			7.34	8.26	9.27	9.54	9.49	9.30	3/1/21	9.68							8.40	9.46	9.84	9.30	6/1/21	9.39						8.59	11.24	9.04	9.27
1/1/21	9.34			7.32	8.40	9.23	9.73	9.48	9.27	3/1/21	9.97							8.41	9.66	9.85	9.41	6/1/21	9.37						8.64	11.14	8.97	9.27
1/1/21	9.36			7.24	8.31	9.24	9.73	9.35	9.24	3/1/21	10.11							7.93	9.86	9.78	9.47	6/1/21	9.33						8.64	11.05	8.91	9.25
1/1/21	9.30			7.42	8.28	9.19	9.70	9.20	9.23	3/1/21	10.07							7.48	9.85	9.76	9.49	6/1/21	9.37						8.55	10.91	8.88	9.20
1/1/21	9.42			7.40	8.38	9.12	9.74	9.08	9.20	3/1/21	9.85							7.47	9.79	9.76	9.40	6/1/21	9.32						7.97	10.81	8.83	9.20
1/1/21	9.46			7.42	8.44	9.13	9.74	9.02	9.23	3/1/21	9.76							7.46	9.86	9.73	9.31	6/1/21	9.24						7.64	10.87	8.88	9.20
1/1/21	9.42			7.27	8.48	8.99	9.74	9.00	9.15	3/1/21	9.68							7.53	10.08	9.71	9.24	6/1/21	9.37						7.82	10.80	8.88	9.16
1/1/21	9.32			7.28	8.54	8.97	9.74	8.98	9.05	3/1/21	9.69							7.91	10.00	9.65	9.41	6/1/21	9.40						7.73	10.94	8.89	9.33
1/1/21	9.35			7.49	8.61	8.93	9.73	8.87	9.27	3/1/21	9.75							8.54	10.35	9.60	9.42	6/1/21	9.39						7.63	10.89	8.87	9.34
1/1/21	9.30			7.57	8.58	8.73	9.77	8.86	9.33	3/1/21	9.74							8.70	10.03	9.62	9.38	6/1/21	9.37						7.47	10.67	9.14	9.40
1/1/21	9.41			7.66	8.52	8.47	9.99	9.03	9.32	3/1/21	9.71							8.39	10.19	9.68	9.44	6/1/21	9.37						7.41	10.56	9.21	9.43
1/1/21	9.83			7.79	8.22	8.20	9.82	9.44	9.35	3/1/21	9.70							8.65	9.92	9.69	9.40	6/1/21	9.33						7.36	9.05	9.26	9.35
1/1/21	9.95			7.93	8.09	8.11	10.47	9.64	9.41	4/1/21	9.65							8.85	10.18	9.64	9.25	6/1/21	9.27						7.23	9.31	9.48	9.28
1/1/21	9.15			7.93	8.14	8.17	11.15	9.77	9.38	4/1/21	9.57							8.94	10.22	9.58	9.18	6/1/21	9.26						7.18	9.46	9.69	9.25
1/1/21	9.09			8.07	8.19	8.13	10.28	10.10	9.41	4/1/21	9.51							8.82	10.05	9.53	9.12	6/1/21	9.23						7.15	9.43	9.80	9.24
1/1/21	9.09			8.08	8.60	8.29	10.03	10.22	9.41	4/1/21	9.42							8.81	9.98	9.48	9.06	6/1/21	9.30						7.02	9.56	9.98	9.36
1/1/21	8.92			8.29	8.79	7.96	10.01	10.31	9.43	4/1/21	9.35							8.51	9.85	9.43	9.06	6/1/21	9.29						6.82	9.61	10.27	9.27
1/1/21	8.94			8.37	8.78	8.19	9.87	10.40	9.49	4/1/21	9.37							8.07	9.71	9.37	9.07	6/1/21	9.24						6.71	9.72	10.53	9.34
1/1/21	8.96			8.50	8.87	8.22	9.77	10.33	9.51	4/1/21	9.38							8.04	9.58	9.30	9.07	6/1/21	9.25						6.60	9.99	10.66	9.33
1/1/21	8.99			8.54	8.90	7.95	9.72	10.28	9.59	4/1/21	9.38							7.99	9.51	9.24	9.13	6/1/21	9.32						6.51	9.83	10.62	9.29
1/1/21	8.98			8.38	8.87	7.97	9.52	10.16	9.60	4/1/21	9.47							7.82	9.44	9.21	9.18	6/1/21	9.85						6.45	9.76	10.60	9.30
1/1/21	8.96			8.61	8.88	8.88	9.40	10.05	9.64	4/1/21	9.37							7.72	9.18	9.13	9.16	6/1/21	9.42						6.29	10.28	10.31	9.29
1/1/21	8.96			8.53	8.87	9.15	9.33	9.97	9.64	4/1/21	9.33							7.69	9.11	9.21	9.14	6/1/21	9.27						6.37	10.16	9.69	9.29
1/1/21	8.99			8.46	8.88	9.17	9.34	9.88	9.68	4/1/21	9.28							7.99	9.46	9.23	9.07	6/1/21	9.52						6.28	9.67	9.68	9.28
1/1/21	9.03			8.47	8.93	9.22	10.24	9.93	9.71	4/1/21	9.22							8.34	9.40	9.29	9.06	6/1/21	9.60						6.78	9.50	9.60	9.28
1/1/21	9.07			8.31	8.91	9.17	10.56	9.94	9.69	4/1/21	9.31							7.73	9.29	9.27	9.11	6/1/21	9.50						6.84	9.64	9.43	9.40
1/1/21	9.06			8.07	8.88	9.19	10.28	10.01	9.64	4/1/21	9.30							7.71	9.60	9.13	9.17	6/1/21	9.66						6.84	9.81	9.40	9.65
1/1/21	9.05			8.17	8.85	9.23	10.18	10.04	9.68	4/1/21	9.31							7.71	9.67	9.13	9.18	6/1/21	10.29						6.58	9.90	9.43	9.75
1/1/21	8.98			8.07	8.71	9.26	10.23	9.96	9.62	4/1/21	9.34							7.90	9.60	9.18	9.23	6/1/21	9.98						6.10	10.65	9.53	9.45
1/1/21	8.99			7.86	8.62	9.27	10.18	9.89	9.58	4/1/21	9.29							8.43	9.54	9.19	9.15	6/1/21	9.96						6.11	11.11	10.11	9.45
1/1/21	9.00			7.83	8.53	9.16	10.26	9.79	9.53	4/1/21	9.31							8.51	9.56	9.31	9.24	6/1/21	10.21									

data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2
	ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9	ve1		ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9	ve1	ve2		ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9			
8/1/21	9,69						7,48	11,36	9,69	9,35	10/1/21	9,87											12/1/21	10,98											
8/1/21	9,52						7,31	11,37	9,58	9,33	10/1/21	9,90											13/1/21	10,95											
8/1/21	9,13						7,44	11,34	9,48	9,35	10/1/21	9,88											13/1/21	10,94											
8/1/21	8,77						7,80	11,26	9,27	9,38	10/1/21	9,79											13/1/21	10,89											
8/1/21	8,60						7,58	11,15	9,11	9,46	10/1/21	9,72											13/1/21	10,76											
8/1/21	8,59						8,01	11,11	9,00	9,40	10/1/21	9,65											13/1/21	10,69											
8/1/21	8,38						8,25	11,17	9,06	9,43	10/1/21	9,76											13/1/21	10,63											
8/1/21	8,44						8,34	11,16	8,94	9,41	10/1/21	9,76											13/1/21	10,26											
8/1/21	8,36						8,31	11,26	8,92	9,52	10/1/21	9,79											13/1/21	10,18											
8/1/21	8,56						8,28	11,32	9,14	9,42	10/1/21	9,83											13/1/21	10,04											
8/1/21	8,44						8,35	9,83	9,34	9,37	10/1/21	9,86											13/1/21	9,96											
8/1/21	8,21						8,58	10,10	9,70	9,45	10/1/21	9,92											13/1/21	9,92											
8/1/21	9,05						8,53	10,10	10,31	9,50	10/1/21	9,97											13/1/21	9,87											
8/1/21	9,19						8,51	10,27	10,69	9,44	10/1/21	9,96											13/1/21	9,88											
8/1/21	9,41						8,44	10,67	11,04	9,35	10/1/21	9,96											13/1/21	9,98											
8/1/21	9,41						8,39	10,98	11,40	9,39	10/1/21	9,93											13/1/21	10,15											
8/1/21	9,48						8,27	11,20	11,73	9,36	10/1/21	9,87											13/1/21	10,24											
8/1/21	9,65						8,22	10,77	11,84	9,28	10/1/21	9,51											13/1/21	10,31											
8/1/21	9,81						7,44	10,69	11,70	9,23	10/1/21	9,70											13/1/21	10,37											
8/1/21	10,04						6,87	10,85	11,70	9,17	10/1/21	9,72											13/1/21	10,50											
8/1/21	10,25						6,94	10,82	11,92	9,32	11/1/21	9,66											13/1/21	10,65											
8/1/21	10,45						7,08	11,12	12,21	9,38	11/1/21	9,76											13/1/21	10,82											
8/1/21	10,59						8,02	11,53	12,46	9,63	11/1/21	9,85											13/1/21	10,99											
8/1/21	10,48						9,30	11,72	12,61	9,48	11/1/21	9,84											13/1/21	11,09											
8/1/21	10,38						9,42	12,17	12,63	9,60	11/1/21	9,72											13/1/21	10,88											
8/1/21	10,38						9,52	12,94	12,64	9,55	11/1/21	9,69											13/1/21	10,63											
8/1/21	10,88						9,49	12,52	12,41	9,58	11/1/21	9,67											13/1/21	10,83											
8/1/21	10,88						9,32	12,07	12,26	9,55	11/1/21	9,57											13/1/21	10,87											
8/1/21	10,77						8,67	11,86	12,00	9,63	11/1/21	9,42											13/1/21	10,70											
8/1/21	10,75						8,78	11,97	11,59	9,70	11/1/21	9,41											13/1/21	10,62											
8/1/21	11,00						8,52	11,89	11,28	9,70	11/1/21	9,40											13/1/21	10,62											
8/1/21	11,16						8,20	11,75	11,07	9,73	11/1/21	9,35											13/1/21	10,35											
8/1/21	11,13						8,82	11,40	10,91	9,73	11/1/21	9,37											13/1/21	10,20											
8/1/21	10,94						9,63	11,03	10,77	9,75	11/1/21	9,43											13/1/21	10,08											
8/1/21	10,73						9,65	10,90	10,67	9,65	11/1/21	9,31											13/1/21	10,06											
8/1/21	10,71						9,64	10,79	10,57	9,63	11/1/21	9,26											13/1/21	9,92											
8/1/21	10,65						9,37	10,82	10,52	9,57	11/1/21	9,31											13/1/21	9,74											
8/1/21	10,63						9,11	10,71	10,37	9,59	11/1/21	9,17											13/1/21	9,58											
8/1/21	10,55						8,93	10,88	10,38	9,59	11/1/21	9,15											13/1/21	9,60											
9/1/21	10,59						8,91	10,88	10,51	9,57	11/1/21	9,24											13/1/21	9,83											
9/1/21	10,53						8,90	10,56	10,65	9,60	11/1/21	9,23											13/1/21	9,95											
9/1/21	10,50						8,78	10,39	10,69	9,63	11/1/21	9,78											13/1/21	10,03											
9/1/21	10,43						8,74	10,79	10,73	9,63	11/1/21	9,92											13/1/21	10,74											
9/1/21	10,28						8,78	11,09	10,68	9,66	11/1/21	10,05											13/1/21	10,88											
9/1/21	10,20						8,71	11,21	10,69	9,68	11/1/21	10,26											13/1/21	10,90											
9/1/21	10,27						8,73	11,20	10,75	9,69	11/1/21	10,47											13/1/21	10,91											
9/1/21	10,19						8,68	10,68	10,72	9,66	11/1/21	10,56											13/1/21	10,90											
9/1/21	10,14						8,81	10,53	10,78	9,63	11/1/21	10,57											13/1/21	11,09											
9/1/21	10,09						8,92	10,51	10,56	9,67	11/1/21	10,55											13/1/21	11,22											
9/1/21	10,02						9,04	10,30	10,38	9,66	11/1/21	10,59											13/1/21	11,18											
9/1/21	9,72						8,94	10,37	10,15	9,68	11/1/21	10,71											13/1/21	11,14											
9/1/21	9,62						8,86	10,32	9,83	9,71	11/1/21	10,76											13/1/21	11,11											
9/1/21	9,56						8,74	10,28	9,45	9,78	11/1/21	10,79											13/1/21	11,17											
9/1/21	9,54						8,63	10,14	9,09	9,82	11/1/21	10,75											13/1/21	11,31											
9/1/21	9,56						8,65	9,95	8,91	9,80	11/1/21	10,69											13/1/21	11,02											
9/1/21	9,51						8,59	9,76	8,96	9,81	11/1/21	10,76											13/1/21	10,54											
9/1/21	9,41																																		

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9		ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9		ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9
15/1/21	10,19					10,03	9,63	11,02	10,56	10,46	17/1/21	10,09					12,00	10,07	11,68	11,90	10,87	20/1/21	10,67					10,47	9,96	11,79	10,39	10,77
15/1/21	10,36					10,05	9,65	11,01	10,37	10,47	17/1/21	9,90					12,11	10,07	11,61	11,86	10,85	20/1/21	10,58					10,33	9,96	11,70	10,32	10,73
15/1/21	10,61					9,97	9,64	10,88	10,12	10,40	17/1/21	9,79					12,15	10,18	11,62	11,74	10,81	20/1/21	10,60					10,43	9,84	11,60	10,14	10,81
15/1/21	10,78					9,87	9,52	10,91	9,93	10,39	17/1/21	9,75					12,11	10,08	11,61	11,59	10,77	20/1/21	10,67					10,61	9,47	11,54	10,14	10,87
15/1/21	10,89					9,88	9,48	11,02	9,78	10,40	17/1/21	9,82					12,07	10,43	11,61	11,44	10,78	20/1/21	10,49					10,37	9,25	11,67	10,03	10,84
15/1/21	10,65					9,91	9,49	10,81	9,64	10,40	17/1/21	9,88					12,05	10,08	11,51	11,27	10,94	20/1/21	10,31					10,29	9,11	11,91	10,12	10,81
15/1/21	10,86					9,91	9,52	10,65	9,52	10,36	17/1/21	10,21					11,95	9,78	11,14	11,15	10,97	20/1/21	10,24					10,34	8,97	12,01	10,48	10,68
15/1/21	10,91					9,93	9,43	10,68	9,43	10,33	17/1/21	10,38					11,80	9,85	11,63	11,25	10,95	20/1/21	10,03					10,41	8,99	11,71	10,78	10,63
15/1/21	10,71					9,98	9,30	10,76	9,78	10,33	17/1/21	10,60					11,50	9,87	12,54	11,49	10,91	20/1/21	9,93					10,50	9,06	11,73	10,99	10,61
15/1/21	10,64					9,96	9,40	10,75	10,37	10,38	17/1/21	10,89					11,29	9,87	12,31	11,47	10,89	20/1/21	9,87					10,76	9,27	11,61	11,16	10,68
15/1/21	10,67					9,90	9,40	11,00	10,89	10,39	17/1/21	10,89					11,13	9,93	12,17	11,58	10,86	20/1/21	9,79					11,20	9,03	12,06	11,24	10,70
15/1/21	10,69					9,98	9,24	11,92	11,33	10,40	18/1/21	10,75					10,84	9,95	12,21	11,53	10,79	20/1/21	9,85					11,38	8,62	12,11	11,42	10,70
15/1/21	10,85					10,11	9,25	11,42	11,29	10,43	18/1/21	10,70					10,74	10,04	12,18	11,43	10,73	20/1/21	9,81					11,55	8,56	12,25	11,54	10,69
15/1/21	10,91					10,38	9,63	11,45	11,41	10,45	18/1/21	10,69					10,54	9,98	12,20	11,30	10,67	20/1/21	9,88					11,73	8,70	12,43	11,70	10,71
15/1/21	10,98					11,04	9,56	12,09	11,57	10,46	18/1/21	10,76					10,43	9,99	12,07	11,15	10,61	20/1/21	9,97					11,71	9,24	12,47	11,94	10,72
15/1/21	10,85					11,36	9,50	11,73	11,61	10,47	18/1/21	10,75					10,38	10,02	11,84	10,97	10,55	20/1/21	10,02					11,56	9,78	12,42	12,25	10,84
15/1/21	10,79					11,37	9,38	11,64	11,85	10,58	18/1/21	10,88					10,38	10,06	11,53	10,74	10,50	20/1/21	10,07					11,30	10,24	12,33	12,31	10,81
15/1/21	10,69					11,36	9,34	11,59	11,68	10,55	18/1/21	10,73					10,26	10,03	11,32	10,40	10,52	20/1/21	10,21					11,39	10,38	12,60	12,25	10,88
15/1/21	10,51					11,41	9,48	11,45	11,55	10,54	18/1/21	10,64					10,21	9,69	11,31	10,03	10,48	20/1/21	10,42					11,40	10,38	12,83	12,22	10,89
15/1/21	10,35					11,40	9,50	11,40	11,47	10,50	18/1/21	10,35					10,32	9,64	11,25	9,92	10,47	20/1/21	10,36					11,34	10,31	12,33	12,12	10,89
15/1/21	10,28					11,44	10,09	11,39	11,37	10,47	18/1/21	10,18					10,34	9,58	11,25	9,78	10,52	20/1/21	10,30					11,29	10,26	12,08	11,65	10,88
15/1/21	10,41					11,40	10,13	11,55	11,24	10,50	18/1/21	10,03					10,27	9,63	10,99	9,46	10,45	20/1/21	10,16					11,14	10,22	11,14	11,69	10,75
15/1/21	10,50					11,39	10,18	11,60	11,08	10,45	18/1/21	10,00					10,21	9,60	10,96	9,44	10,46	20/1/21	10,14					11,05	10,19	12,15	11,63	10,75
15/1/21	10,56					11,33	10,06	11,59	11,07	10,68	18/1/21	10,04					10,19	9,43	11,51	9,90	10,45	20/1/21	10,40					11,03	10,12	12,24	11,56	10,84
15/1/21	10,56					11,20	9,89	11,59	11,21	10,68	18/1/21	10,17					10,18	9,47	11,14	10,09	10,43	20/1/21	10,48					11,74	10,06	12,24	11,50	10,79
15/1/21	10,56					11,10	9,71	12,52	11,26	10,70	18/1/21	10,17					10,21	9,24	11,42	10,45	10,46	20/1/21	10,51					11,71	10,02	12,34	11,87	10,86
15/1/21	10,30					11,00	9,68	12,06	11,26	10,70	18/1/21	10,09					10,27	9,31	11,50	10,49	10,55	20/1/21	10,70					11,35	9,92	12,60	12,06	10,80
15/1/21	10,31					10,82	9,83	11,99	11,32	10,70	18/1/21	10,04					10,32	9,30	11,24	10,58	10,61	20/1/21	10,82					11,28	9,84	12,81	12,52	10,83
15/1/21	10,30					10,66	9,79	12,02	11,25	10,72	18/1/21	10,11					10,35	9,50	11,34	10,72	10,63	20/1/21	10,93					11,37	9,89	12,81	12,91	10,85
15/1/21	10,29					10,50	9,73	11,91	11,13	10,67	18/1/21	10,17					10,42	9,72	11,58	10,92	10,70	20/1/21	11,13					11,42	9,90	12,83	12,90	10,68
16/1/21	10,31					10,32	9,87	11,92	11,02	10,59	18/1/21	10,21					10,42	9,79	11,64	11,12	10,67	20/1/21	11,16					11,61	9,84	12,87	13,75	10,70
16/1/21	10,29					10,20	9,96	11,71	10,85	10,56	18/1/21	10,25					10,53	9,74	11,46	11,05	10,61	20/1/21	11,11					11,55	9,73	12,92	12,54	10,68
16/1/21	10,27					10,16	9,98	11,55	10,70	10,54	18/1/21	10,23					10,59	9,68	11,51	11,20	10,68	20/1/21	10,52					11,56	9,90	12,60	12,49	10,74
16/1/21	10,21					10,08	9,94	11,26	10,55	10,52	18/1/21	10,38					10,61	9,89	11,56	11,04	10,64	20/1/21	10,50					11,58	9,83	13,22	12,64	10,74
16/1/21	10,09					10,03	9,82	11,03	10,26	10,50	18/1/21	10,62					10,54	9,84	11,36	10,82	10,70	20/1/21	10,13					11,58	10,00	13,07	12,84	10,74
16/1/21	9,98					10,19	9,77	10,97	10,05	10,52	18/1/21	10,75					10,54	10,06	11,24	10,59	10,63	20/1/21	10,04					11,58	9,97	12,57	12,73	10,79
16/1/21	9,90					10,23	9,64	10,89	9,99	10,52	18/1/21	10,74					10,34	9,94	11,21	10,38	10,60	20/1/21	10,46					11,44	9,79	12,42	12,69	10,78
16/1/21	9,83					10,11	9,82	10,79	10,00	10,58	18/1/21	10,79					10,34	9,87	11,16	10,26	10,57	20/1/21	10,83					11,17	9,94	12,72	12,49	10,77
16/1/21	9,77					10,07	9,73	10,89	9,87	10,54	18/1/21	10,87					10,54	10,04	11,27	10,22	10,53	20/1/21	11,45					11,07	8,96	12,82	12,21	10,67
16/1/21	9,77					10,15	9,73	11,03	10,03	10,49	18/1/21	10,66					10,83	10,07	11,36	10,45	10,70	20/1/21	11,00					11,06	8,81	12,77	11,89	10,72
16/1/21	9,83					10,15	9,76	11,03	10,42	10,47	18/1/21	10,76					10,62	9,86	11,42	11,51	10,69	21/1/21	11,43					10,85	8,76	12,02	11,61	10,74
16/1/21	9,87					10,24	9,64	11,38	10,57	10,49	18/1/21	10,98					10,67	9,58	12,48	11,83	10,67	21/1/21	11,48					10,65	8,79	11,97	11,32	10,80
16/1/21	9,90					10,33	9,76	11,19	10,60	10,59	18/1/21	11,04					10,68	9,49	13,74	12,36	10,72	21/1/21	11,59					10,57	9,29	11,97	11,08	10,85
16/1/21	9,90					10,41	9,68	11,37	10,62	10,55	18/1/21	11,22					10,89	9,64	13,46	12,53	10,78	21/1/21	11,67					10,64	9,57	11,89	10,81	10,89
16/1/21	9,86					10,53	9,57	11,39	10,65	10,57	18/1/21	11,38					11,12	10,0														

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2		data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2		data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	ve1 mg/l		ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	ve1 mg/l	ve2 mg/l		ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l			
22/1/21	10.38					11.34	9.62	13.13	11.93	10.62	24/1/21	8.46					9.77	9.36	10.52	10.11	9.97	27/1/21	9.72						10.23	9.64	11.58	10.96	10.04		
22/1/21	10.52					11.47	9.64	12.68	12.06	10.63	24/1/21	8.65					9.67	9.33	10.55	10.12	9.90	27/1/21	9.74						10.14	9.66	11.40	10.78	10.06		
22/1/21	10.60					11.52	9.37	12.25	12.13	10.63	25/1/21	8.91					9.88	9.40	10.60	9.95	9.87	27/1/21	9.98						10.14	9.63	11.19	10.47	10.06		
22/1/21	10.56					11.43	9.13	12.38	12.24	10.64	25/1/21	8.89					9.78	9.23	10.73	9.98	9.87	27/1/21	10.49						10.18	9.57	10.99	10.02	10.05		
22/1/21	10.56					11.32	9.43	12.12	12.26	10.66	25/1/21	8.77					9.66	9.04	10.88	9.91	9.86	27/1/21	10.69						10.08	9.49	11.02	9.51	10.07		
22/1/21	10.58					11.42	9.56	12.89	12.22	10.66	25/1/21	8.65					9.75	9.33	10.75	9.85	9.78	27/1/21	10.87						10.00	9.61	11.28	9.11	10.04		
22/1/21	10.87					11.08	9.63	12.73	12.09	10.62	25/1/21	8.45					9.74	9.45	10.06	9.92	9.82	27/1/21	10.58						10.04	9.58	11.55	9.06	10.10		
22/1/21	10.91					10.99	9.77	12.38	11.55	10.61	25/1/21	8.22					9.74	9.46	9.84	9.94	9.87	27/1/21	10.12						9.96	9.49	11.72	9.01	10.03		
22/1/21	10.89					10.97	10.38	12.13	11.31	10.61	25/1/21	8.05					9.73	9.41	9.50	9.95	9.93	27/1/21	9.97						9.93	9.53	11.82	9.80	10.08		
22/1/21	10.86					10.94	10.44	11.96	11.16	10.68	25/1/21	7.85					9.62	9.34	9.40	9.92	9.94	27/1/21	10.27						9.85	9.77	11.92	10.54	10.07		
22/1/21	10.96					10.71	10.07	12.19	10.98	10.72	25/1/21	7.64					9.59	9.24	9.76	9.90	9.92	27/1/21	10.31						10.08	9.75	13.00	10.98	10.11		
22/1/21	11.03					10.65	9.90	12.11	10.82	10.70	25/1/21	8.94					9.54	9.26	9.84	9.92	9.83	27/1/21	10.20						10.83	9.69	13.68	11.25	10.10		
22/1/21	10.98					10.48	9.82	11.79	10.68	10.65	25/1/21	9.08					9.67	9.36	10.22	9.98	9.97	27/1/21	10.15						11.10	9.57	13.90	11.67	10.18		
22/1/21	10.96					10.38	9.60	11.48	10.48	10.59	25/1/21	8.89					9.71	9.58	10.40	9.98	9.97	27/1/21	9.91						11.53	9.49	12.86	12.29	10.19		
22/1/21	11.01					10.44	9.47	11.25	10.39	10.55	25/1/21	9.29					9.69	9.46	10.31	9.94	9.96	27/1/21	9.47						11.85	9.59	11.41	12.60	10.17		
22/1/21	10.97					10.48	9.71	11.08	10.34	10.57	25/1/21	9.29					9.63	9.58	10.17	9.83	9.93	27/1/21	9.49						12.21	9.48	11.63	12.35	10.18		
22/1/21	10.88					10.54	9.53	10.97	10.27	10.62	25/1/21	8.89					9.65	9.60	10.06	9.75	9.92	27/1/21	9.48						12.20	9.32	11.56	12.20	10.19		
22/1/21	10.76					10.57	9.58	10.87	10.19	10.50	25/1/21	8.82					9.70	9.47	9.98	9.71	9.80	27/1/21	9.86						12.25	9.14	11.56	11.93	10.10		
22/1/21	10.69					10.24	9.64	10.80	10.12	10.43	25/1/21						9.66	9.34	9.96	9.68	9.81	27/1/21	9.31						12.29	8.91	11.51	11.81	10.34		
22/1/21	10.65					10.04	9.55	10.61	10.03	10.34	25/1/21	10.55					9.69	9.29	9.98	9.66	9.75	27/1/21	9.31						12.29	9.04	11.59	11.76	10.40		
22/1/21	10.34					9.95	9.39	10.62	10.01	10.38	25/1/21	10.63					9.73	9.17	9.98	9.63	9.72	27/1/21	9.36						12.23	10.55	11.00	11.58	10.56		
23/1/21	10.34					9.83	9.46	10.68	9.95	10.35	25/1/21	10.54					9.69	9.32	9.98	9.58	9.85	27/1/21	9.38						12.30	10.64	11.46	11.43	10.62		
23/1/21	10.27					9.84	9.43	10.70	9.73	10.34	25/1/21	10.62					9.68	9.29	9.97	9.57	9.91	27/1/21	9.50						11.95	10.62	11.40	11.32	10.54		
23/1/21	10.10					9.86	9.49	11.33	9.59	10.32	25/1/21	10.57					9.71	9.30	9.95	9.59	9.89	27/1/21	9.62						11.68	10.43	13.04	11.43	10.49		
23/1/21	10.01					9.80	9.30	12.08	9.59	10.35	25/1/21	8.83					9.77	9.34	9.90	9.93	9.85	27/1/21	9.46						11.52	10.31	12.32	11.58	10.38		
23/1/21	0.97					9.68	9.17	11.67	9.59	10.36	25/1/21	9.03					9.82	9.36	10.20	9.88	9.89	27/1/21	9.51						11.39	10.34	12.31	11.74	10.34		
23/1/21	0.90					9.64	9.04	11.11	9.55	10.45	25/1/21	9.66					9.73	9.35	10.56	9.82	9.92	27/1/21	9.55						11.16	10.31	12.56	11.73	10.36		
23/1/21	0.73					9.51	9.19	10.77	9.49	10.43	25/1/21	9.82					9.85	9.53	11.05	10.30	9.94	27/1/21	10.30						11.06	10.21	12.64	11.68	10.34		
23/1/21	0.98					9.44	9.14	10.70	9.43	10.38	25/1/21	9.71					10.09	9.58	11.95	10.89	9.97	27/1/21	10.65						10.89	10.16	12.68	11.57	10.32		
23/1/21	0.92					9.46	9.03	10.75	9.34	10.35	25/1/21	9.59					10.18	9.66	10.61	11.48	9.96	27/1/21	10.45						10.83	10.07	12.59	11.43	10.30		
23/1/21	0.93					9.55	9.19	10.56	9.27	10.36	25/1/21	9.29					10.35	9.65	11.20	11.77	9.96	27/1/21	10.00						10.66	9.99	12.36	11.33	10.25		
23/1/21	0.81					9.66	9.15	10.59	9.31	10.28	25/1/21	9.08					10.55	9.60	11.53	11.95	9.98	28/1/21	9.51						9.91	12.16	11.21	10.35			
23/1/21	0.82					9.66	8.90	10.49	9.29	10.37	25/1/21	8.89					10.69	9.53	12.41	12.05	9.96	28/1/21	9.79						9.84	11.92	11.10	10.20			
23/1/21	0.65					9.64	9.19	10.35	9.24	10.42	25/1/21	8.71					10.76	9.46	11.33	12.15	10.02	28/1/21	9.53						10.02	11.79	11.12	10.25			
23/1/21	0.910					9.59	9.29	10.43	9.22	10.39	25/1/21	8.58					10.87	9.38	11.47	12.06	9.98	28/1/21	9.69						10.01	11.72	10.94	10.17			
23/1/21	0.923					9.61	9.28	10.38	9.24	10.28	25/1/21	8.38					10.89	9.09	11.49	11.92	9.95	28/1/21	9.76						9.99	11.76	10.01	10.12			
23/1/21	0.929					9.56	9.34	10.26	9.18	10.24	25/1/21	8.16					10.82	9.12	11.01	11.82	9.98	28/1/21	9.63						9.62	11.64	11.15	10.16			
23/1/21	0.940					9.55	9.34	10.23	9.10	10.20	25/1/21	7.97					10.68	9.01	11.21	11.78	10.05	28/1/21							9.41	11.50	11.18	10.19			
23/1/21	0.928					9.54	9.31	10.27	9.05	10.23	25/1/21	7.91					10.51	9.07	11.18	11.59	9.97	28/1/21							9.53	11.47	11.17	10.14			
23/1/21	0.907					9.48	9.27	10.29	8.98	10.39	25/1/21	7.81					10.28	9.46	11.85	11.20	10.04	28/1/21							9.53	11.27	11.14	10.18			
23/1/21	0.880					9.44	9.31	10.30	9.00	10.30	25/1/21	7.63					10.14	9.55	12.30	10.99	10.02	28/1/21							9.30	11.29	11.06	10.23			
23/1/21	0.79					9.44	9.38	10.28	9.06	10.21	25/1/21	7.44					9.95	9.54	11.58	10.64	10.06	28/1/21							9.34	11.52	11.06	10.22			
23/1/21	0.874					9.45	9.36	10.30	9.12	10.26	25/1/21						9.81	9.69	11.43	10.43	10.11	28/1/21							9.29	11.55	11.09	10.18			
23/1/21	0.856					9.48	9.36	10.35	9.19	10.23	25/1/21						9.83	9.65	11.54	10.32	10.01	28/1/21							9.36	11.62	11.11	10.22			
23/1/21	0.832					9.65	9.40	10.45	9.24	10.29	25/1/21						9.50	9.59	11.48	10.17	9.96	28/1/21							9.88	11.56	11.02	10.18			
23/1/21	0.799					9.84	9.40	11.12	9.37	10.28	25/1/21						9.61	9.50	11.27	10.04	9.99														

	PNC1				ENC1		ENC2	ENC4	PC1	EC	PC2		PNC1				ENC1		ENC2	ENC4	PC1	EC	PC2		PNC1				ENC1		ENC2	ENC4	PC1	EC	PC2
data	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	data	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	data	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l			
29/1/21	9.66						10.71	12.23	11.92	10.51	1/2/21	8.54						8.82	9.60	9.26	9.50	3/2/21	6.69							9.09	10.67	10.03	9.63		
29/1/21	9.67						10.61	11.87	11.77	10.54	1/2/21	9.02						8.76	9.75	9.21	9.49	3/2/21	6.39							9.07	10.66	9.92	9.61		
29/1/21	9.32						10.62	11.66	11.66	10.69	1/2/21	8.97						8.66	9.84	9.15	9.52	3/2/21	6.09							8.99	10.77	9.87	9.61		
29/1/21	9.02						10.60	11.58	11.54	10.85	1/2/21							8.56	9.72	9.11	9.52	3/2/21	5.89							8.94	10.84	9.85	9.62		
29/1/21	8.79						10.56	11.75	11.56	10.77	1/2/21							8.54	10.33	9.24	9.59	3/2/21	5.88							8.98	11.01	10.19	9.59		
29/1/21	8.56						10.35	12.92	11.66	10.69	1/2/21							8.14	10.28	9.16	9.59	3/2/21	7.80							8.95	11.17	10.07	9.58		
29/1/21	8.35						10.04	12.66	11.70	10.64	1/2/21							8.33	9.90	9.24	9.59	3/2/21	8.87							8.89	11.30	10.13	9.63		
29/1/21	8.16						9.90	12.80	11.65	10.55	1/2/21							8.48	10.17	9.30	9.57	3/2/21	8.73							8.81	11.59	10.36	9.62		
29/1/21	7.98						9.93	12.93	11.54	10.56	1/2/21							8.08	9.75	9.39	9.57	3/2/21	7.91							8.86	11.99	10.60	9.64		
29/1/21	7.86						9.81	12.88	11.36	10.49	1/2/21							8.75	9.72	9.45	9.62	3/2/21								8.79	11.72	10.94	9.60		
29/1/21	7.72						9.67	12.66	11.14	10.49	1/2/21	10.68						8.61	9.67	9.43	9.66	3/2/21								8.68	11.77	11.38	9.65		
29/1/21	7.56						9.66	12.28	10.87	10.42	1/2/21	10.84						8.84	9.56	9.44	9.63	3/2/21								8.60	11.60	11.39	9.77		
30/1/21	7.42						9.88	11.79	10.48	10.41	1/2/21	10.56						8.78	9.45	9.26	9.58	3/2/21								8.52	10.88	11.25	9.93		
30/1/21	7.28						9.72	12.11	9.96	10.42	1/2/21	9.01						8.60	9.52	9.20	9.57	3/2/21								8.44	10.16	10.93	9.91		
30/1/21	7.14						9.61	12.65	9.60	10.40	1/2/21	9.19						8.37	9.64	9.22	9.54	3/2/21								8.35	10.54	10.61	9.94		
30/1/21	7.01						9.53	13.40	9.36	10.37	1/2/21	10.12						9.11	9.71	9.22	9.53	3/2/21								8.28	10.44	10.39	9.93		
30/1/21	6.87						9.48	13.35	9.24	10.36	1/2/21	10.41						9.23	9.73	9.23	9.56	3/2/21								8.24	10.78	10.43	9.93		
30/1/21	6.72						9.91	13.19	9.26	10.30	1/2/21	10.76						9.17	9.74	9.20	9.55	3/2/21								7.81	11.15	10.46	9.96		
30/1/21	6.57						9.94	13.09	9.25	10.39	1/2/21	10.74						9.25	9.74	9.24	9.54	3/2/21								7.13	11.66	10.53	9.81		
30/1/21	6.43						9.94	12.36	9.60	10.39	1/2/21	10.56						8.87	10.05	9.19	9.56	3/2/21								7.20	11.65	10.63	9.79		
30/1/21	6.30						9.97	11.84	9.98	10.37	1/2/21	10.77						8.23	10.07	9.20	9.55	3/2/21								7.29	11.68	10.66	9.78		
30/1/21	6.14						10.06	11.47	10.27	10.38	1/2/21	10.89						8.18	10.08	9.30	9.64	3/2/21								7.49	11.97	10.55	9.74		
30/1/21							10.04	12.37	10.22	10.46	1/2/21	10.49						8.29	10.39	9.48	9.67	4/2/21								7.71	11.64	10.38	9.66		
30/1/21							10.08	11.88	10.29	10.44	1/2/21	11.19						8.27	10.88	9.85	9.63	4/2/21								7.77	11.34	10.19	9.63		
30/1/21							10.03	11.88	10.41	10.45	1/2/21	12.72						8.30	11.74	10.18	9.68	4/2/21								7.69	11.67	10.98	9.61		
30/1/21							9.98	11.47	10.62	10.48	1/2/21	12.37						8.66	12.93	10.47	9.66	4/2/21								7.94	10.88	9.79	9.62		
30/1/21							9.90	11.70	10.67	10.39	1/2/21	12.32						8.94	12.75	10.70	9.64	4/2/21								8.85	10.69	9.66	9.63		
30/1/21							9.83	11.35	10.65	10.42	1/2/21	11.73						9.01	12.12	10.83	9.70	4/2/21								9.16	10.95	9.49	9.65		
30/1/21							9.75	11.45	10.70	10.44	1/2/21	11.41						9.26	11.45	10.76	9.91	4/2/21								9.35	11.15	9.29	9.65		
30/1/21	5.82						9.69	11.62	10.76	10.41	1/2/21	11.05						9.29	11.16	10.50	9.87	4/2/21								9.43	11.47	9.14	9.62		
30/1/21	5.67						9.58	11.20	10.80	10.43	1/2/21	10.23						9.25	10.62	10.40	9.82	4/2/21								9.37	10.87	9.03	9.60		
30/1/21	4.60						9.40	11.25	10.68	10.44	1/2/21	9.78						8.19	10.30	10.33	9.80	4/2/21								9.39	10.56	9.05	9.58		
30/1/21	4.45						9.23	11.25	10.56	10.40	1/2/21	9.66						8.14	10.60	10.27	9.80	4/2/21								9.46	10.35	8.95	9.56		
30/1/21	4.29						9.21	11.37	10.38	10.38	1/2/21	9.64						8.18	10.36	10.23	9.67	4/2/21								9.38	10.08	9.06	9.56		
30/1/21	9.70						9.22	11.54	10.26	10.35	1/2/21	9.51						8.30	10.47	10.21	9.61	4/2/21								9.30	10.52	9.16	9.57		
30/1/21	11.27						9.27	11.58	10.13	10.33	1/2/21	10.46						8.61	10.55	10.17	9.64	4/2/21								9.34	10.94	9.29	9.67		
30/1/21	11.84						9.05	11.58	10.01	10.32	1/2/21	11.02						8.86	10.77	10.09	9.79	4/2/21								9.26	11.07	9.44	9.64		
30/1/21	12.04						9.22	11.60	9.84	10.33	1/2/21	11.45						8.93	11.49	10.03	9.80	4/2/21								9.35	11.00	9.59	9.65		
30/1/21	11.69						9.34	11.80	10.09	10.37	1/2/21	11.68						8.88	11.30	10.11	9.85	4/2/21								9.47	10.87	9.57	9.64		
30/1/21	11.82						9.30	12.09	9.93	10.45	1/2/21	12.14						8.88	11.66	10.24	9.85	4/2/21								9.42	10.69	9.65	9.69		
30/1/21	12.02						9.15	12.43	10.79	10.47	1/2/21	11.91						8.91	11.28	10.23	9.86	4/2/21								9.07	10.51	9.87	9.71		
30/1/21	11.85						9.31	12.78	11.15	10.42	2/2/21	11.91						9.06	10.20	10.14	9.75	4/2/21								8.83	10.87	10.11	9.79		
30/1/21	11.99						9.73	14.26	11.55	10.36	2/2/21	11.88						9.06	11.30	10.06	9.62	4/2/21								8.65	10.92	10.35	9.81		
30/1/21	12.10						10.08	16.59	11.97	10.38	2/2/21	11.87						9.00	11.17	10.01	9.58	4/2/21								8.46	10.76	10.55	9.82		
30/1/21	12.08						10.20	14.97	12.34	10.44	2/2/21	11.78						8.88	11.11	10.01	9.57	4/2/21								8.57	10.84	10.79	9.77		
30/1/21	12.01						10.26	13.85	12.59	10.44	2/2/21	11.63						8.92	10.97	9.99	9.56	4/2/21								8.54	10.96	11.01	9.81		
30/1/21	11.70						10.26	12.28	12.75	10.54	2/2/21	10.51						8.97	10.78	9.98	9.56	4/2/21								8.42	11.76	11.22	9.85		
30/1/21	11.04						10.26	12.14	12.27	10.59	2/2/21	9.89						8.90	10.68	9.93	9.53	4/2/21								8.04	11.68	11.46	9.80		
30/1/21	10.70						10.22	12.05	12.02	10.58	2/2/21	10.91						8.85	10.61	9.79	9.47	4/2/21								8.08	11.62	11.60	9.78		
30/1/21	10.64						10.17	11.81	12.00	10.54	2/2/21	10.88						8.94	10.53	9.73	9.59	4/2/21													

[illegible]

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9		ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9		ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9
13/2/21							9,29	9,64	9,30	9,86	15/2/21	12,13						9,28	10,91	10,38	10,34	17/2/21	11,93						7,29	12,98	11,74	11,03
13/2/21							9,30	9,60	9,39	10,00	15/2/21	11,63						9,70	10,84	10,22	10,40	17/2/21	12,49						8,11	12,94	11,87	10,99
13/2/21							9,33	10,10	9,46	10,01	15/2/21	11,76						9,48	11,01	10,16	10,51	17/2/21	13,02						8,74	12,88	12,06	11,02
13/2/21							9,35	10,22	9,55	9,96	15/2/21	12,09						9,01	11,26	10,11	10,64	17/2/21	13,45						9,16	12,97	11,98	10,96
13/2/21							9,37	10,31	9,54	9,84	15/2/21	12,10						8,88	11,66	10,65	10,65	18/2/21	13,32						9,07	12,89	11,96	10,92
13/2/21							9,41	10,56	9,66	9,87	15/2/21	12,08						8,50	12,36	11,40	10,55	18/2/21	13,40						9,35	12,76	11,68	10,94
13/2/21							9,45	10,78	9,89	9,90	15/2/21	12,47						8,41	13,03	11,74	10,45	18/2/21	13,29						9,35	12,50	11,23	10,92
13/2/21							9,44	10,68	10,04	9,94	15/2/21	12,84						9,26	13,90	11,72	10,47	18/2/21	13,66						9,52	12,17	10,83	10,90
13/2/21							9,38	10,77	10,22	10,23	15/2/21	11,38						10,20	12,64	11,77	10,52	18/2/21	13,70						9,85	11,88	10,64	10,89
13/2/21							9,36	10,69	10,28	10,30	15/2/21	10,89						10,28	12,46	12,14	10,59	18/2/21	13,49						9,90	11,65	10,42	10,83
13/2/21							9,39	10,62	10,31	10,30	15/2/21	10,73						10,39	12,42	12,30	10,77	18/2/21	13,62						9,90	11,50	10,16	10,77
13/2/21							9,38	10,47	10,14	10,26	15/2/21	10,63						10,30	12,25	11,87	10,76	18/2/21	13,75						9,81	11,23	10,07	10,70
13/2/21							9,37	10,50	9,78	10,30	15/2/21	10,40						10,22	12,02	11,43	10,78	18/2/21	13,69						9,74	10,80	9,96	10,69
13/2/21							9,35	10,19	9,69	10,34	15/2/21	10,08						9,84	12,15	11,30	11,17	18/2/21	14,06						9,67	10,64	9,92	10,65
13/2/21							9,39	10,13	9,68	10,35	15/2/21	9,88						9,84	12,08	11,25	11,15	18/2/21	12,18						9,57	10,90	9,92	10,68
13/2/21							9,50	9,97	9,65	10,34	15/2/21	9,96						9,65	11,99	11,11	11,22	18/2/21	10,49						9,46	11,47	10,03	10,50
13/2/21							9,47	9,86	9,49	10,32	15/2/21	11,92						8,84	11,99	11,00	11,25	18/2/21	10,08						9,26	11,51	10,28	10,30
13/2/21							9,49	10,00	9,45	10,29	15/2/21	12,62						8,56	11,92	10,93	11,28	18/2/21	10,07						9,32	11,87	10,56	10,44
13/2/21							9,52	10,15	9,39	10,29	15/2/21	12,63						9,07	11,80	10,91	11,08	18/2/21	10,09						9,42	11,70	10,68	10,46
13/2/21							9,49	10,20	9,34	10,30	15/2/21	12,87						9,66	12,40	11,17	11,04	18/2/21	9,88						9,60	11,28	10,77	10,43
13/2/21							9,43	10,30	9,34	10,48	15/2/21	13,01						9,98	12,80	11,24	10,95	18/2/21	9,92						9,59	11,22	11,00	10,82
13/2/21							9,22	10,56	9,71	10,30	15/2/21	13,07						9,98	12,84	11,34	10,92	18/2/21	9,97						9,59	11,35	11,20	10,81
13/2/21							9,70	10,34	10,23	10,28	15/2/21	13,24						10,00	12,53	11,37	10,83	18/2/21	10,15						9,74	11,08	11,39	10,85
13/2/21							9,71	10,49	10,54	10,26	16/2/21	13,26						9,89	12,53	11,37	10,76	18/2/21	10,15						9,60	12,38	11,68	10,93
13/2/21							9,74	10,62	10,60	10,34	16/2/21	13,20						10,28	12,41	11,39	10,73	18/2/21	10,42						9,57	12,82	12,00	10,99
13/2/21							9,87	10,50	10,59	10,31	16/2/21	13,09						10,40	12,23	11,38	10,71	18/2/21	9,96						9,53	13,20	12,40	11,04
13/2/21							10,24	10,77	10,61	10,16	16/2/21	12,99						10,35	12,08	11,26	10,70	18/2/21	10,64						9,44	13,06	12,70	10,94
13/2/21							10,68	10,70	10,45	10,17	16/2/21	12,91						10,29	11,81	11,11	10,72	18/2/21	10,95						9,64	12,90	12,57	10,84
13/2/21							9,93	10,74	10,51	10,07	16/2/21	13,01						10,21	11,62	10,94	10,73	18/2/21	10,11						10,21	12,52	12,34	10,78
13/2/21							9,93	10,87	10,50	9,94	16/2/21	13,01						10,06	11,56	10,69	10,64	18/2/21	10,40						10,21	12,25	11,18	10,81
13/2/21							9,92	10,92	10,49	9,90	16/2/21	13,15						9,92	11,30	10,60	10,74	18/2/21	10,89						10,14	11,77	11,73	10,70
13/2/21							10,03	10,83	10,45	9,98	16/2/21	12,84						9,80	11,03	10,54	10,63	18/2/21	10,92						10,05	11,29	11,42	10,51
13/2/21							9,87	10,74	10,40	10,24	16/2/21	12,48						9,57	10,70	10,43	10,66	18/2/21	11,05						9,93	11,28	11,36	10,54
13/2/21							9,84	10,69	10,31	10,12	16/2/21	11,83						9,38	11,02	10,65	10,64	18/2/21	11,48						9,77	11,59	11,32	10,57
13/2/21							9,82	10,68	10,23	10,15	16/2/21	11,08						9,24	11,46	10,85	10,63	18/2/21	11,28						9,55	12,06	11,22	10,64
13/2/21							9,85	11,55	10,37	10,13	16/2/21	10,85						9,20	11,12	10,96	10,60	18/2/21	11,19						8,90	12,46	11,88	10,77
13/2/21							9,81	11,51	10,34	10,11	16/2/21	10,79						9,14	11,86	10,96	10,64	18/2/21	11,74						8,92	12,61	12,82	10,99
13/2/21							9,76	11,28	10,37	10,06	16/2/21	10,52						9,15	11,62	10,88	10,61	18/2/21	11,54						8,98	13,75	13,75	10,99
13/2/21							9,66	10,96	10,33	10,04	16/2/21	10,16						9,31	11,62	10,88	10,60	18/2/21	10,76						8,95	16,95	14,30	10,87
13/2/21							9,57	10,87	10,26	9,98	16/2/21	10,15						9,52	11,35	10,95	10,65	18/2/21	10,40						8,82	17,79	14,48	10,77
13/2/21							9,49	10,76	10,12	9,94	16/2/21	10,33						9,78	11,21	11,13	10,61	18/2/21	11,24						8,68	16,38	13,61	10,66
13/2/21							9,34	10,65	10,04	10,06	16/2/21	10,70						10,05	11,52	11,12	10,65	18/2/21	11,22						8,59	15,60	13,02	11,04
13/2/21							9,22	10,76	9,99	10,08	16/2/21	11,37						10,13	11,41	11,08	10,62	18/2/21	11,44						8,40	13,93	12,87	11,17
14/2/21							9,18	10,72	9,91	10,11	16/2/21	12,14						9,98	11,18	10,99	10,59	18/2/21	11,74						8,43	12,85	12,76	10,97
14/2/21							9,18	10,78	9,87	10,13	16/2/21	13,03						9,90	11,31	10,96	10,54	18/2/21	11,61						8,47	12,12	12,64	11,21
14/2/21							9,10	10,78	9,79	9,98	16/2/21	13,41						9,68	11,37	10,85	10,56	18/2/21	11,90						8,62	11,89	12,59	11,28
14/2/21							8,69	10,70	9,72	10,02	16/2/21	13,68						9,72	11,40	10,77	10,55	18/2/21	12,01						8,62	12,32	12,62	11,31
14/2/21							8,93	10,70	9,73	10,16	16/2/21	13,71						9,70	11,37	10,68	10,53	18/2/21	12,09						8,49	13,84	12,66	11,22
14/2/21							9,00	10,28	9,74	10,05	16/2/21	13,76						9,81	11,35	10,50	10,47	18/2/21	12,33						9,03	13,72	12,76	11,04
1																																

		PNC1		ENC1		ENC2		ENC4		PC1		EC		PC2				PNC1		ENC1		ENC2		ENC4		PC1		EC		PC2		
data	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	data	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	data	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l
20/2/21	11.37						9.35	10.77	11.11	11.11	22/2/21	13.26						10.11	11.53	15.46	11.56	25/2/21	9.88						9.35	11.31	10.57	11.05
20/2/21	11.20						9.43	11.36	11.06	11.08	22/2/21	13.67						7.87	12.65	14.95	11.45	25/2/21	9.88						9.08	10.51	10.62	11.00
20/2/21	11.11						9.35	11.42	11.07	11.08	22/2/21	14.18						8.09	13.20	13.80	11.42	25/2/21	10.09						9.05	10.11	10.62	10.83
20/2/21	11.09						9.12	11.36	11.33	11.07	22/2/21	14.05						9.21	12.82	13.30	11.83	25/2/21	9.97						8.99	9.64	10.48	10.86
20/2/21	10.78						8.67	11.48	11.56	11.12	22/2/21	13.63						9.86	12.45	12.75	12.10	25/2/21	9.94						8.84	9.58	10.39	10.70
20/2/21	10.67						8.28	11.63	11.74	11.14	22/2/21	13.30						10.01	12.34	12.20	12.15	25/2/21	9.82						8.71	9.80	10.19	10.83
20/2/21	10.81						8.25	11.50	12.02	11.26	22/2/21	13.14						10.05	12.26	11.67	12.21	25/2/21	9.71						8.67	9.24	10.31	10.95
20/2/21	10.82						8.19	11.54	12.35	11.32	22/2/21	13.03						10.57	11.88	11.20	12.32	25/2/21	10.19						8.35	8.97	10.39	10.78
20/2/21	10.71						8.14	11.72	12.72	11.49	22/2/21	12.74						10.55	11.57	10.73	12.26	25/2/21	10.23						9.28	9.37	10.47	10.90
20/2/21	10.86						8.04	11.85	13.20	11.62	22/2/21	12.32						10.39	11.33	10.47	12.15	25/2/21	10.88						9.50	9.73	10.54	11.00
20/2/21	11.07						7.88	11.93	13.77	11.76	22/2/21	12.06						10.54	11.07	10.29	11.95	25/2/21	11.34						9.31	9.96	10.45	11.09
20/2/21	11.13						7.85	12.11	14.17	11.76	22/2/21	12.28						10.56	10.93	10.14	11.76	25/2/21	11.35						9.37	10.04	10.26	11.31
20/2/21	11.12						7.69	12.77	14.24	11.85	22/2/21	12.43						10.54	10.86	10.00	11.57	25/2/21	11.59						9.54	10.00	10.05	11.47
20/2/21	11.11						7.46	13.75	14.20	11.75	22/2/21	12.38						10.34	10.30	9.92	11.50	25/2/21	11.76						9.49	9.88	9.88	11.48
20/2/21	11.44						7.22	15.60	14.25	11.69	23/2/21	12.72						9.85	10.03	9.71	11.40	25/2/21	11.72						9.45	9.91	9.72	11.49
20/2/21	11.06						7.01	15.78	14.26	11.54	23/2/21	12.81						9.09	10.36	9.67	11.24	25/2/21	12.25						9.57	9.78	9.64	11.33
20/2/21	11.07						6.90	13.98	13.83	11.42	23/2/21	12.23						8.91	10.75	9.78	10.98	25/2/21	12.40						9.51	9.67	9.67	11.11
20/2/21	11.18						6.82	13.40	13.22	11.37	23/2/21	12.19						9.32	11.02	10.05	10.97	25/2/21	11.44						9.39	9.67	9.69	10.85
20/2/21	11.20						6.75	12.90	12.18	11.35	23/2/21	12.17						9.99	11.26	10.24	10.75	25/2/21	11.74						9.37	9.41	9.96	10.85
20/2/21	11.55						7.00	11.72	11.99	11.45	23/2/21	12.18						9.83	11.18	10.45	10.69	25/2/21	11.71						9.36	9.59	11.30	11.18
20/2/21	11.58						7.60	11.40	11.82	11.51	23/2/21	12.12						9.54	11.61	10.57	10.43	25/2/21	11.36						9.33	10.88	12.20	11.22
20/2/21	12.06						8.11	11.40	11.54	11.48	23/2/21	11.74						9.32	10.53	10.58	10.68	25/2/21	11.45						9.81	12.42	12.18	10.80
20/2/21	12.19						8.52	11.58	11.26	11.59	23/2/21	11.48						9.11	10.03	10.48	11.21	25/2/21	10.02						10.32	12.33	12.35	10.78
20/2/21	12.46						8.72	11.51	11.08	11.59	23/2/21	11.49						8.99	9.80	10.41	11.42	25/2/21	9.89						11.08	12.00	12.91	10.96
20/2/21	12.58						8.93	11.45	10.96	11.52	23/2/21	11.43						8.76	9.41	10.51	11.40	25/2/21	9.67						11.18	11.55	12.39	11.03
20/2/21	12.68						8.99	11.33	10.82	11.53	23/2/21	11.59						8.68	9.20	10.59	11.34	25/2/21	8.92						11.66	11.00	12.39	11.01
20/2/21	12.74						8.78	11.21	10.72	11.56	23/2/21	11.51						8.49	8.97	10.56	11.44	25/2/21	9.72						11.44	11.14	12.53	10.96
20/2/21	12.94						8.20	11.16	10.62	11.61	23/2/21	11.48						8.34	9.69	10.60	11.44	25/2/21	10.14						11.25	11.18	12.71	11.10
20/2/21	12.99						7.22	11.14	10.51	11.63	23/2/21	11.48						8.23	9.98	10.45	11.44	25/2/21	10.05						11.43	11.25	12.83	11.34
20/2/21	12.87						7.09	11.10	10.39	11.59	23/2/21	11.48						8.26	10.13	10.20	11.43	25/2/21	10.04						12.12	10.48	12.80	11.62
20/2/21	12.49						7.27	11.05	10.33	11.59	23/2/21	11.40						8.16	10.19	10.03	11.48	25/2/21	10.03						11.84	9.94	12.39	12.31
20/2/21	12.94						7.11	10.96	10.25	11.62	23/2/21	11.23						7.87	10.05	9.90	11.41	25/2/21	9.84						10.05	9.24	12.05	12.70
20/2/21	12.83						7.01	10.95	10.18	11.66	23/2/21	11.32						7.74	10.01	9.82	11.28	25/2/21	9.74						10.22	8.93	11.82	12.56
21/2/21	11.79						7.06	10.92	10.14	11.74	23/2/21	11.37						7.40	9.88	9.77	11.24	25/2/21	11.55						11.02	9.41	11.71	12.20
21/2/21	11.20						7.06	10.82	10.01	11.70	23/2/21	11.40						7.21	9.67	9.92	11.20	25/2/21	12.62						10.62	9.34	12.06	11.64
21/2/21	11.20						7.00	10.69	10.02	11.74	23/2/21	11.41						7.20	9.88	10.28	11.18	25/2/21	13.17						10.73	10.36	12.25	11.16
21/2/21	12.50						7.11	10.75	10.07	11.67	23/2/21	11.37						7.05	10.04	10.55	10.91	25/2/21	13.20						10.63	10.98	12.35	10.96
21/2/21	13.47						7.19	10.68	10.05	11.64	23/2/21	10.66						7.04	10.24	10.83	10.99	25/2/21	13.35						10.52	11.51	12.30	10.90
21/2/21	13.63						7.19	10.65	9.89	11.54	23/2/21	10.84						7.60	10.79	11.18	10.84	25/2/21	13.26						10.51	12.00	12.02	11.02
21/2/21	12.73						7.14	10.66	9.86	11.49	23/2/21	10.16						8.51	11.10	11.43	10.82	25/2/21	12.94						10.55	11.80	11.77	11.43
21/2/21	12.49						7.43	10.55	9.79	11.41	23/2/21	10.39						9.42	10.87	11.73	11.09	25/2/21	13.07						10.46	11.51	11.43	11.55
21/2/21	12.62						7.83	10.61	9.61	11.42	23/2/21	10.20						9.58	10.96	12.12	10.75	25/2/21	12.94						10.25	11.10	11.11	11.62
21/2/21	12.77						8.28	10.59	10.08	11.41	23/2/21	9.74						9.19	11.15	12.38	10.93	25/2/21	13.12						10.32	10.73	10.83	11.61
21/2/21	13.35						8.61	10.60	10.66	11.02	23/2/21	9.83						7.85	11.03	12.48	11.01	26/2/21	13.96						10.21	10.64	10.45	11.37
21/2/21	14.05						8.48	10.36	10.09	10.89	23/2/21	10.35						7.61	11.93	12.72	11.03	26/2/21	11.27						10.34	10.64	10.11	11.00
21/2/21	13.88						7.96	9.79	9.77	11.17	23/2/21	10.26						7.73	11.00	12.95	11.07	26/2/21	10.54						10.60	10.64	10.01	10.92
21/2/21	12.96						7.02	9.58	9.91	11.13	23/2/21	9.80						7.82	9.85	13.06	11.25	26/2/21	10.70						10.54	10.52	9.78	11.04
21/2/21	12.52						6.51	9.55	10.10	11.12	23/2/21	10.25						8.05	9.71	13.09	11.01	26/2/21	10.17						10.28	9.68	10.00	10.79
21/2/21	12.09						7.																									

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9		ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9		ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9
27/2/21	11.50						9.66	8.74	9.50	9.95	1/3/21	12.16						8.88	10.06	9.54	10.49	4/3/21	8.58						6.83	8.89	9.19	9.40
27/2/21	11.71						9.79	8.42	10.06	10.08	1/3/21	12.18						9.24	10.23	9.79	9.68	4/3/21	8.57						6.68	9.08	9.01	9.35
27/2/21	11.57						9.72	8.54	10.70	10.09	1/3/21	12.17						9.30	10.33	10.06	9.28	4/3/21	8.62						6.67	9.39	9.06	9.16
27/2/21	11.24						9.59	9.44	11.39	9.92	1/3/21	12.40						9.16	10.77	10.37	8.94	4/3/21	8.66						6.70	8.89	9.27	9.17
27/2/21	11.07						9.51	10.28	11.35	9.83	1/3/21	12.51						8.78	11.03	10.48	8.93	4/3/21	9.01						6.61	8.96	9.85	9.25
27/2/21	10.92						9.54	9.86	11.01	9.84	2/3/21	12.31						8.76	11.25	10.48	8.85	4/3/21	9.24						6.34	8.97	10.61	9.04
27/2/21	10.70						9.51	9.22	11.06	9.62	2/3/21	12.11						8.80	11.10	10.33	8.85	4/3/21	9.22						6.35	9.18	10.70	9.26
27/2/21	10.37						9.56	8.99	11.05	9.45	2/3/21	12.03						8.78	10.69	10.07	8.89	4/3/21	9.32						6.66	9.03	10.87	9.31
27/2/21	10.01						9.52	8.65	10.92	9.18	2/3/21	12.17						8.55	10.49	9.89	8.91	4/3/21	9.28						6.86	9.08	11.03	9.34
27/2/21	9.18						9.52	8.54	10.53	9.14	2/3/21	11.97						8.40	10.36	9.65	8.78	4/3/21	9.25						7.37	8.80	10.67	9.32
27/2/21	9.90						9.26	8.41	9.93	9.05	2/3/21	11.72						8.31	9.99	9.47	8.75	4/3/21	9.51						7.47	8.91	10.37	9.26
27/2/21	10.00						9.17	8.41	9.59	9.13	2/3/21	11.65						8.34	9.88	9.33	8.72	4/3/21	9.92						7.51	8.83	10.08	9.30
27/2/21	10.31						9.03	8.05	9.10	9.17	2/3/21	10.97						9.11	9.56	9.16	8.71	4/3/21	10.22						7.46	9.11	9.81	9.33
27/2/21	10.17						9.00	8.07	8.76	9.14	2/3/21	11.05						9.55	9.59	9.23	8.63	4/3/21	10.34						7.17	9.16	9.71	9.37
27/2/21	10.09						8.96	7.68	8.59	9.00	2/3/21	11.05						9.35	9.25	9.34	8.79	4/3/21	10.74						6.89	9.16	9.56	9.28
27/2/21	9.56						8.94	7.69	8.52	9.12	2/3/21	10.66						9.07	9.01	9.33	8.75	4/3/21	11.62						7.10	9.19	9.46	9.47
27/2/21	9.29						9.00	7.58	8.49	9.20	2/3/21	10.44						9.04	9.10	9.13	8.71	4/3/21	12.15						8.83	9.23	9.39	9.14
27/2/21	9.12						9.14	7.62	8.84	9.31	2/3/21	10.48						8.92	9.31	8.87	8.66	4/3/21	12.18						9.98	9.48	9.40	9.46
27/2/21	9.10						9.54	8.30	9.06	9.19	2/3/21	10.22						8.76	9.27	8.66	8.62	4/3/21	11.76						9.96	9.46	10.36	9.46
27/2/21	9.01						9.83	8.64	9.42	9.14	2/3/21	9.83						8.50	9.16	8.69	8.64	4/3/21	11.70						9.70	10.11	14.85	9.52
27/2/21	8.87						9.80	9.09	9.60	9.08	2/3/21	9.86						8.22	9.02	8.76	8.62	4/3/21	11.98						9.58	11.53	15.80	9.49
27/2/21	8.80						9.66	9.20	9.67	9.11	2/3/21	10.17						8.23	8.91	9.07	8.91	4/3/21	12.30						9.45	11.80	15.15	9.44
27/2/21	8.82						9.57	9.13	9.75	9.17	2/3/21	10.36						8.25	8.90	9.43	8.85	4/3/21	12.39						9.28	10.64	14.37	9.34
27/2/21	8.84						9.20	8.97	9.78	9.29	2/3/21	10.54						8.18	8.88	9.41	8.80	4/3/21	12.16						9.08	9.86	13.50	9.22
28/2/21	8.82						9.34	8.72	9.60	9.33	2/3/21	10.72						7.87	8.75	9.16	8.77	4/3/21	11.54						8.81	9.48	13.02	9.25
28/2/21	8.74						8.81	8.72	9.46	9.29	2/3/21	10.85						7.38	8.85	9.02	8.70	4/3/21	11.23						8.57	9.55	12.63	9.29
28/2/21	8.86						8.60	8.54	9.29	9.11	2/3/21	10.98						7.22	8.91	9.09	8.72	4/3/21	11.41						8.54	9.53	12.62	9.29
28/2/21	8.85						8.61	7.72	9.23	8.89	2/3/21	11.36						6.90	9.29	9.16	8.76	4/3/21	11.52						8.32	9.09	12.43	9.37
28/2/21	8.69						8.52	7.65	9.09	8.73	2/3/21	11.87						6.95	9.28	9.21	8.81	4/3/21	11.23						8.02	8.82	12.24	9.39
28/2/21	8.48						8.74	7.43	8.98	8.74	2/3/21	12.09						6.90	9.27	9.26	8.78	4/3/21	10.83						7.80	9.62	11.38	9.37
28/2/21	8.23						8.55	7.24	8.84	8.66	2/3/21	12.42						7.17	9.29	9.27	8.88	4/3/21	10.86						7.47	10.17	10.76	9.31
28/2/21	8.12						8.01	7.49	8.87	8.86	2/3/21	12.66						7.85	9.22	9.24	8.81	4/3/21	11.38						6.24	10.39	10.50	9.42
28/2/21	8.15						8.22	7.47	8.89	8.83	2/3/21	12.11						8.27	9.21	9.21	8.72	4/3/21	11.70						6.32	10.15	10.07	9.52
28/2/21	8.22						8.28	7.59	8.83	8.73	2/3/21	11.80						8.44	9.66	9.23	8.78	4/3/21	11.30						6.72	10.10	9.63	9.60
28/2/21	8.22						8.35	7.52	8.71	8.61	2/3/21	11.65						8.76	10.16	9.94	9.09	5/3/21	10.92						7.62	9.90	9.30	9.76
28/2/21	8.25						8.74	7.31	8.52	8.49	2/3/21	11.73						8.76	10.33	11.39	9.21	5/3/21	11.28						7.95	9.61	9.12	9.85
28/2/21	8.20						8.83	7.47	8.39	8.45	2/3/21	12.74						8.73	11.36	11.96	9.22	5/3/21	11.80						8.20	9.43	9.12	9.88
28/2/21	8.14						8.64	7.75	8.34	8.49	2/3/21	12.40						8.93	11.72	11.92	9.19	5/3/21	12.35						8.54	9.39	9.17	9.86
28/2/21	8.05						9.02	7.66	8.24	8.60	2/3/21	11.68						9.25	11.64	12.11	9.39	5/3/21	12.41						9.17	9.30	9.14	9.74
28/2/21	8.25						8.95	7.48	8.33	8.50	2/3/21	11.45						9.46	11.77	12.90	9.46	5/3/21	12.33						9.11	9.22	9.07	9.63
28/2/21	8.38						8.47	7.27	8.38	8.49	2/3/21	9.69						9.53	12.05	12.73	9.51	5/3/21	11.89						9.12	9.22	8.99	9.56
28/2/21	8.53						8.64	7.65	8.47	8.55	2/3/21	10.45						9.70	11.41	12.20	9.80	5/3/21	11.43						9.01	8.81	8.97	9.46
28/2/21	8.78						8.69	7.81	8.56	8.54	2/3/21	10.61						9.23	10.85	11.49	9.78	5/3/21	10.70						8.88	8.81	8.95	9.25
28/2/21	8.71						8.56	8.02	8.56	8.65	2/3/21	10.99						9.05	10.36	10.99	10.81	5/3/21	10.94						8.34	8.65	8.68	9.17
28/2/21	8.89						8.82	8.09	8.69	8.68	2/3/21	11.03						8.82	10.25	10.78	11.71	5/3/21	11.20						7.60	9.28	8.49	9.30
28/2/21	9.06						9.24	7.98	8.77	8.70	2/3/21	10.97						8.19	10.14	10.59	11.90	5/3/21	10.35						7.41	9.20	8.36	9.30
28/2/21	9.22						9.36	7.90	8.87	8.65	2/3/21	10.03						7.77	9.92	10.29	12.27	5/3/21	9.68						7.89	9.17	8.46	9.50
28/2/21	9.34						9.34	7.77	8.91	8.55	2/3/21	11.44						7.04	9.75	10.04	12.37	5/3/21	9.34						8.23	9.22	8.57	9.23
28/2/21	9.57						9.24	7.88	8.96	8.50	2/3/21	11.86						7.19	9.61	10.04	11.79	5/3/21	9.48						7.97	9.36	8.64	9.70
28/2/21	9.70						8.63	7.84	8.96	8.57	2/3/21	11.99						7.28	10.11	10.06	10.77	5/3/21	9.36		</							

	PNC1				ENC1		ENC2	ENC4	PC1	EC	PC2			PNC1				ENC1		ENC2	ENC4	PC1	EC	PC2								
data	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	data	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	data	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l
6/3/21	11.68						9.54	10.07	10.01	8.75	9/3/21	12.16						9.02	10.77	9.51	9.79	11/3/21	11.13						7.16	9.01	9.31	9.29
6/3/21	11.50						9.70	9.40	9.80	8.74	9/3/21	12.09						8.80	10.38	9.51	9.65	11/3/21	11.07						7.04	9.16	9.55	9.30
6/3/21	11.41						9.38	9.30	9.52	8.74	9/3/21	12.23						8.55	9.98	9.41	9.47	11/3/21	11.05						7.95	11.26	11.01	9.29
6/3/21	11.33						8.82	9.22	9.18	8.70	9/3/21	12.53						7.81	10.12	9.22	9.22	11/3/21	11.61						8.97	11.32	11.91	9.19
6/3/21	11.13						8.84	9.09	8.92	8.69	9/3/21	12.39						7.31	9.29	9.02	9.19	11/3/21	11.73						9.39	10.77	11.54	9.26
6/3/21	11.06						8.46	8.99	8.76	8.58	9/3/21	11.96						7.17	9.05	8.91	9.29	11/3/21	11.17						9.44	10.83	11.34	9.32
6/3/21	11.10						8.45	8.94	8.69	8.56	9/3/21	11.52						7.43	8.89	9.29	9.60	11/3/21	11.03						9.59	10.61	11.68	9.44
6/3/21	11.15						8.50	9.03	8.63	8.23	9/3/21	11.65						8.47	9.03	9.42	9.60	11/3/21	11.38						9.61	10.29	11.42	9.53
6/3/21	11.05						8.44	8.97	8.60	8.01	9/3/21	11.95						8.43	9.01	9.44	9.90	11/3/21	9.99						9.85	10.51	11.17	9.61
6/3/21	11.086						8.21	8.77	8.59	8.31	9/3/21	11.98						8.33	9.25	9.30	10.07	11/3/21	9.38						9.72	10.96	11.20	9.47
6/3/21	11.066						8.17	8.93	8.59	8.47	9/3/21	11.72						8.45	9.21	9.25	10.11	11/3/21	9.09						9.18	11.27	11.27	9.61
6/3/21	11.056						8.22	8.87	8.45	8.54	9/3/21	11.51						8.67	9.23	9.08	10.04	11/3/21	9.34						8.63	11.27	11.14	10.11
6/3/21	11.042						8.09	8.74	8.11	8.56	9/3/21	11.64						8.69	9.19	8.94	9.91	11/3/21	11.09						8.38	10.99	10.78	10.55
6/3/21	9.99						8.22	8.62	7.87	8.46	9/3/21	11.79						8.80	9.18	8.92	9.92	11/3/21	11.29						8.55	10.70	10.51	11.01
6/3/21	11.08						8.11	8.31	7.70	8.59	9/3/21	11.82						8.91	9.15	8.93	9.80	11/3/21	11.42						8.01	10.60	10.45	10.84
7/3/21	10.14						8.11	8.23	7.82	8.68	9/3/21	11.65						8.97	9.07	8.98	9.72	11/3/21	11.54						8.24	10.52	10.41	10.44
7/3/21	10.09						8.13	8.24	8.31	8.72	9/3/21	11.45						9.01	9.04	9.10	9.54	11/3/21	12.13						9.74	11.23	10.43	9.99
7/3/21	9.94						8.33	8.23	8.38	8.69	9/3/21	11.57						8.85	9.31	9.29	9.62	11/3/21	12.32						9.82	11.22	10.63	9.99
7/3/21	9.80						8.12	8.25	8.16	8.56	9/3/21	11.73						8.67	9.43	10.23	9.68	11/3/21	12.23						9.76	11.35	10.73	9.46
7/3/21	9.76						8.07	8.26	8.20	8.50	9/3/21	12.01						8.60	11.00	11.79	9.66	11/3/21	12.17						9.55	11.27	10.65	9.43
7/3/21	9.73						8.02	8.32	8.15	8.59	9/3/21	12.29						8.63	11.10	11.89	9.71	11/3/21	12.04						9.52	11.05	10.61	9.42
7/3/21	9.60						7.85	8.23	8.14	8.59	9/3/21	12.62						9.18	10.78	11.36	9.67	11/3/21	11.95						8.75	10.83	10.43	9.52
7/3/21	9.44						7.63	8.16	8.17	8.53	9/3/21	12.82						9.32	10.56	11.14	9.65	11/3/21	11.89						9.12	10.61	10.23	9.66
7/3/21	9.30						7.51	8.25	8.25	8.46	9/3/21	13.28						9.44	10.56	11.39	9.57	11/3/21	11.85						9.56	10.44	9.98	9.74
7/3/21	9.36						7.01	8.20	8.35	8.44	9/3/21	13.59						9.50	10.48	11.35	9.44	11/3/21	11.90						9.43	10.37	9.64	9.83
7/3/21	9.46						7.06	8.21	8.39	8.44	9/3/21	13.99						9.57	10.76	11.86	9.40	12/3/21	11.84						9.23	10.35	9.42	9.63
7/3/21	9.41						6.92	8.25	8.42	8.38	9/3/21	14.46						9.74	11.28	12.14	9.27	12/3/21	11.87						9.12	10.14	9.33	9.49
7/3/21	9.37						7.00	8.37	8.40	8.36	9/3/21	14.18						9.69	11.66	12.67	9.29	12/3/21	11.97						8.82	9.98	9.24	9.36
7/3/21	9.37						6.27	8.33	8.10	8.36	9/3/21	13.89						9.62	11.41	12.91	9.19	12/3/21	11.81						9.27	9.67	9.18	9.36
7/3/21	9.48						6.42	8.39	7.61	8.32	9/3/21	14.21						9.37	11.67	12.93	9.42	12/3/21	11.28						9.41	9.61	8.91	9.43
7/3/21	9.69						6.81	8.32	7.73	8.37	9/3/21	15.46						8.99	11.76	12.76	10.27	12/3/21	9.91						9.37	9.89	8.91	9.47
7/3/21	9.91						6.83	7.89	8.62	8.57	9/3/21	15.05						8.40	11.48	12.58	10.17	12/3/21	9.56						9.30	10.17	9.11	9.43
7/3/21	10.17						6.97	8.24	9.30	8.64	9/3/21	14.51						8.37	11.40	12.52	9.74	12/3/21	9.69						9.22	9.90	9.28	9.35
7/3/21	10.40						6.99	8.43	9.80	8.49	9/3/21	14.88						8.45	11.76	11.91	9.56	12/3/21	9.60						9.09	9.86	9.34	9.26
7/3/21	10.45						7.10	8.37	10.45	8.45	9/3/21	15.00						9.02	11.70	10.93	9.50	12/3/21	9.36						8.92	10.08	9.33	9.22
7/3/21	10.53						6.87	8.39	11.16	8.60	9/3/21	14.57						8.62	11.80	11.01	9.51	12/3/21	9.17						8.75	9.72	9.21	9.08
7/3/21	10.84						7.15	7.90	11.73	8.70	9/3/21	14.09						8.00	11.65	10.76	9.53	12/3/21	9.33						8.61	9.58	9.03	8.94
7/3/21	10.96						7.98	8.21	12.30	8.75	9/3/21	13.70						8.17	11.49	10.56	9.63	12/3/21	9.39						8.49	9.35	8.87	9.16
7/3/21	11.65						8.33	9.11	13.10	8.76	9/3/21	13.39						8.21	11.15	10.35	9.80	12/3/21	9.20						8.47	9.06	8.93	9.16
7/3/21	11.78						8.57	9.37	12.86	8.90	9/3/21	13.16						8.13	10.86	10.10	9.87	12/3/21	8.98						8.33	9.08	9.17	9.17
7/3/21	12.20						8.99	9.52	12.61	8.91	9/3/21	12.86						8.10	10.65	9.83	9.90	12/3/21	8.97						8.52	9.21	9.30	9.18
7/3/21	12.55						8.93	9.65	12.68	8.85	9/3/21	12.76						8.10	10.46	9.62	9.93	12/3/21	9.78						8.75	9.35	9.23	9.14
7/3/21	12.90						8.80	9.65	12.71	8.87	9/3/21	12.55						7.84	10.31	9.49	9.68	12/3/21	10.43						8.86	9.45	9.22	9.18
7/3/21	13.30						8.59	9.97	12.80	8.94	9/3/21	12.32						8.00	9.92	9.35	9.43	12/3/21	10.32						8.89	9.39	9.15	9.23
7/3/21	13.66						8.57	10.24	12.92	8.94	10/3/21	12.00						8.35	9.35	9.26	9.46	12/3/21	10.70						9.98	9.31	9.09	9.30
7/3/21	13.59						9.17	10.51	13.08	9.15	10/3/21	11.48						8.31	9.46	9.08	9.44	12/3/21	10.74						8.85	9.26	9.09	9.26
7/3/21	14.30						9.30	10.98	13.06	9.29	10/3/21	11.75						8.85	10.71	8.89	9.47	12/3/21	10.85						8.91	9.09	9.08	9.18
7/3/21	13.76						9.41	10.99	12.23	9.31	10/3/21	12.27						9.17	10.89	8.98	9.43	12/3/21	10.80						8.85	8.98	9.19	9.17
7/3/21	13.60						9.56	10.97	11.08	9.25	10/3/21	12.48						9.29	10.72	9.03	9.41	12/3/21	10.67						8.74	8.89	9.24	9.14
7/3/21	13.40						10.03	10.89	10.27	9.38	10/3/21	12.03						9.26	10.38	9.22	9.24	12/3/21	10.75						8.58	8.77	9.2	

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	
13/3/21	11.35						9.51	11.18	11.06	9.34	16/3/21	8.44						7.36	8.81		8.71	18/3/21	11.20							9.65	10.62		8.83
13/3/21	11.63						9.27	11.11	10.88	9.38	16/3/21	8.55						7.39	8.82		8.83	18/3/21	11.37							9.63	11.61		8.80
13/3/21	11.71						8.81	11.01	10.34	9.57	16/3/21	8.62						8.42	8.83		8.73	18/3/21	11.38							9.62	11.66		8.86
13/3/21	11.76						8.72	10.67	9.90	9.61	16/3/21	8.52						8.61	8.87		8.66	18/3/21	11.39							9.58	11.41		8.61
13/3/21	11.80						8.53	10.43	9.55	9.66	16/3/21	8.61						8.55	8.49		8.50	18/3/21	11.27							9.46	11.07		9.01
13/3/21	11.70						8.62	10.25	9.42	9.67	16/3/21	8.82						8.84	8.38		8.38	18/3/21	10.97							9.42	10.63		9.15
14/3/21	11.62						9.31	10.36	9.34	9.61	16/3/21	9.02						8.75	8.59		8.31	18/3/21	10.69							9.37	10.47		9.04
14/3/21	11.64						9.31	10.80	9.29	9.43	16/3/21	9.14						8.59	8.72		8.37	18/3/21	10.58							9.41	10.47		9.05
14/3/21	11.52						8.87	10.84	9.26	9.32	16/3/21	9.23						8.43	8.66		8.35	18/3/21	10.64							9.39	10.57		9.11
14/3/21	11.40						8.31	10.69	9.19	9.24	16/3/21	9.61						8.29	8.74		8.27	18/3/21	10.42							9.38	10.43		9.33
14/3/21	11.20						8.46	10.49	9.17	9.34	16/3/21	10.36						8.02	8.76		8.39	18/3/21	10.35							9.18	10.04		9.19
14/3/21	11.02						8.13	10.00	9.02	9.24	16/3/21	10.55						8.09	8.71		8.41	18/3/21	10.11							9.17	9.86		8.96
14/3/21	10.77						8.15	9.60	8.86	9.27	16/3/21	10.79						8.08	8.72		8.42	18/3/21	9.94							8.98	10.30		8.85
14/3/21	9.87						7.90	9.45	8.61	9.23	16/3/21	11.12						7.98	8.85		8.43	18/3/21	10.16							9.00	10.18		8.85
14/3/21	9.18						8.08	9.89	8.52	9.26	16/3/21	10.97						8.15	9.10		8.35	18/3/21	9.94							8.51	10.34		8.89
14/3/21	8.91						7.65	9.63	8.76	9.20	16/3/21	11.21						7.09	9.82		8.42	18/3/21	9.83							8.75	10.46		8.87
14/3/21	8.89						7.80	9.52	9.08	9.14	16/3/21	11.26						7.67	9.60		8.44	19/3/21	9.74							9.10	10.42		8.91
14/3/21	8.79						8.07	9.54	9.23	9.12	16/3/21	11.26						9.07	10.72		8.57	19/3/21	9.79							9.15	10.21		8.93
14/3/21	8.71						8.17	9.34	9.22	9.14	16/3/21	11.48						8.77	11.36		8.58	19/3/21	10.04							9.04	10.04		8.95
14/3/21	8.62						7.98	9.00	9.09	9.13	16/3/21	11.83						9.39	11.19		8.51	19/3/21	10.49							8.93	10.01		8.82
14/3/21	8.64						8.00	8.82	8.99	8.97	16/3/21	12.24						9.50	11.20		8.57	19/3/21	10.47							8.64	9.61		8.76
14/3/21	8.69						7.51	8.24	8.97	8.80	16/3/21	12.65						9.50	10.71		8.86	19/3/21	10.36							8.54	9.50		8.70
14/3/21	8.75						6.69	8.26	8.94	8.93	16/3/21	12.09						9.59	10.62		9.00	19/3/21	10.19							8.79	9.75		8.76
14/3/21	8.78						6.84	8.42	8.94	8.99	16/3/21	11.37						9.61	10.59		8.90	19/3/21	10.02							9.07	9.54		8.65
14/3/21	9.06						6.32	8.48	9.16	9.00	16/3/21	11.01						9.55	10.59		9.04	19/3/21	9.55							8.99	9.65		8.56
14/3/21	9.70						6.33	8.77	9.15	8.93	16/3/21	10.72						9.35	10.56		8.98	19/3/21	9.39							8.84	9.64		8.68
14/3/21	10.02						6.38	9.12	9.15	9.00	16/3/21	10.58						9.18	10.49		9.58	19/3/21	9.03							8.10	9.32		8.68
14/3/21	10.16						6.95	9.08	9.15	8.92	16/3/21	10.58						8.99	10.29		9.46	19/3/21	9.06							8.36	9.19		8.79
14/3/21	10.44						6.83	8.84	9.11	8.95	16/3/21	10.65						8.53	10.18		9.20	19/3/21	8.83							7.87	9.13		8.72
14/3/21	10.11						7.34	8.97	9.01	8.94	16/3/21	10.78						8.54	11.01		9.06	19/3/21	8.77							7.78	9.05		8.75
14/3/21	9.74						9.36	8.95	9.00	8.97	16/3/21	10.58						8.78	10.61		8.91	19/3/21	8.82							7.60	9.02		8.71
14/3/21	9.77						9.28	9.06	8.95	8.91	16/3/21	10.43						8.79	10.42		8.89	19/3/21	8.90							7.69	8.81		8.69
14/3/21	9.83						9.19	9.16	8.89	8.83	16/3/21	10.58						8.81	10.44		8.87	19/3/21	9.04							7.57	8.68		8.58
14/3/21	9.83						9.06	9.16	8.46	8.83	16/3/21	10.79						8.85	10.36		8.78	19/3/21	9.30							6.94	8.53		8.59
14/3/21	9.76						9.05	8.88	8.50	8.82	16/3/21	10.78						8.78	10.54		8.68	19/3/21	9.45							7.80	8.69		8.65
14/3/21	9.64						9.05	8.69	8.42	8.73	17/3/21	11.07						8.90	10.38		8.73	19/3/21	9.59							9.07	8.67		8.59
14/3/21	9.28						9.00	8.68	8.45	8.87	17/3/21	11.29						9.20	10.21		8.73	19/3/21	9.75							9.44	9.56		8.71
14/3/21	9.07						8.99	8.61	8.58	8.78	17/3/21	11.06						8.91	10.05		8.68	19/3/21	9.71							9.52	9.18		8.71
14/3/21	8.98						8.97	8.44	8.53	8.81	17/3/21	10.56						8.14	9.87		8.64	19/3/21	9.70							9.42	9.04		8.69
14/3/21	8.91						8.92	8.52	8.56	8.65	17/3/21	10.12						8.02	9.38		8.57	19/3/21	9.89							9.54	8.94		8.69
14/3/21	9.09						8.93	8.56	8.63	8.58	17/3/21	9.85						7.91	9.07		8.53	19/3/21	9.83							9.32	9.11		8.67
14/3/21	9.00						8.89	8.68	8.73	8.57	17/3/21	9.66						7.61	9.16		8.70	19/3/21	10.00							9.13	9.03		8.67
14/3/21	8.68						8.86	8.86	8.77	8.56	17/3/21	9.17						7.57	9.37		8.71	19/3/21	10.09							9.08	8.93		8.69
14/3/21	8.84						8.81	8.89	8.54	8.47	17/3/21	8.39						7.65	9.12		8.72	19/3/21	10.20							8.88	9.01		8.65
14/3/21	8.86						8.73	9.15	8.44	8.51	17/3/21	8.26						7.96	9.24		9.18	19/3/21	10.27							8.75	9.14		8.63
14/3/21	8.78						8.64	9.00	8.45	8.54	17/3/21	8.31						7.90	9.30		9.43	19/3/21	10.45							9.55	9.24		8.59
14/3/21	8.78						8.38	9.08	8.41	8.55	17/3/21	8.29						7.49	8.97		9.45	19/3/21	10.65							10.00	9.29		8.85
14/3/21	8.72						8.04	8.87	8.54	8.55	17/3/21	8.20						6.64	8.81		9.19	19/3/21	11.18							9.96	9.31		8.89
14/3/21	8.64						7.90	8.71	8.57	8.63	17/3/21	8.02						6.21	9.07		8.91	19/3/21	10.88							9.92	9.54		8.92
14/3/21	8.64						8.01	8.62	8.60	8.67	17/3/21	8.08						6.14	8.93		8.74	19/3/21	11.05							10.01	11.19		8.84
14/3/21	8.58						7.95	8.59	8.63	8.57	17																						

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	
21/3/21	8.62						9.10	9.17	9.11	9.04	23/3/21	9.48							9.64	10.15	11.44	9.29	25/3/21	11.98						9.76	10.43	10.29	9.55
21/3/21	8.89						9.10	9.12	9.03	9.08	23/3/21	9.58							9.58	9.92	11.97	9.16	25/3/21	11.64						9.70	10.22	10.00	9.73
21/3/21	8.95						9.16	8.98	8.91	8.70	23/3/21	9.54							9.66	10.23	12.17	9.28	25/3/21	11.16						9.64	10.03	9.68	9.77
21/3/21	8.99						9.20	9.08	8.83	8.41	23/3/21	9.80							9.79	10.70	12.73	9.59	25/3/21	10.93						9.37	9.86	9.48	9.80
21/3/21	9.07						9.20	9.05	8.46	8.42	23/3/21	10.60							9.73	10.58	13.50	9.78	25/3/21	10.73						9.40	10.07	9.42	9.76
21/3/21	9.18						9.18	8.93	8.25	8.47	23/3/21	10.59							9.78	10.38	14.51	10.12	25/3/21	11.05						9.49	10.68	9.46	9.71
21/3/21	9.07						9.17	8.85	8.21	8.46	23/3/21	10.39							9.85	10.83	15.46	10.26	25/3/21	11.25						9.55	11.00	9.38	9.48
21/3/21	8.83						9.14	8.95	8.35	8.47	23/3/21	10.56							9.87	10.86	15.20	10.19	26/3/21	11.02						9.54	10.29	9.34	9.29
21/3/21	8.81						9.14	8.82	8.47	8.53	23/3/21	10.81							9.91	11.00	14.42	10.22	26/3/21	10.70						9.45	9.47	9.30	9.02
21/3/21	8.83						9.10	8.72	8.51	8.55	23/3/21	11.44							9.90	10.95	13.82	10.32	26/3/21	10.50						9.42	8.91	8.90	8.97
21/3/21	8.91						9.09	8.57	8.55	8.53	23/3/21	12.47							9.91	10.81	13.66	10.29	26/3/21	10.28						9.28	9.71	8.59	9.18
21/3/21	8.89						9.10	8.43	8.69	8.56	23/3/21	12.12							9.92	10.89	13.51	10.56	26/3/21	10.03						9.34	10.31	8.48	9.26
21/3/21	8.90						9.14	8.60	8.95	8.68	23/3/21	12.02							10.02	10.66	13.51	9.96	26/3/21	9.53						9.34	9.78	8.59	9.17
21/3/21	9.01						9.16	8.82	9.46	8.76	23/3/21	12.16							9.95	10.47	12.87	9.76	26/3/21	9.24						9.23	9.61	8.76	9.19
21/3/21	9.18						9.20	8.89	10.09	8.76	23/3/21	12.19							10.07	10.71	11.71	9.95	26/3/21	9.21						9.13	9.22	8.85	8.98
21/3/21	9.34						9.27	8.79	10.77	8.79	23/3/21	12.09							10.85	10.58	11.03	10.31	26/3/21	9.05						9.27	8.95	8.92	8.95
21/3/21	9.46						9.30	8.83	11.47	8.89	23/3/21	11.75							11.02	10.90	10.93	10.27	26/3/21	8.97						9.29	8.62	8.87	8.72
21/3/21	9.45						9.35	9.02	12.40	8.89	23/3/21	11.24							10.72	10.87	10.79	10.48	26/3/21	9.06						9.26	8.16	8.78	8.51
21/3/21	9.67						9.38	9.21	13.14	8.85	23/3/21	10.97							10.50	11.01	10.58	10.72	26/3/21	9.10						9.15	7.90	8.71	8.83
21/3/21	9.88						9.46	9.54	14.01	8.85	23/3/21	10.81							10.45	10.81	10.37	10.77	26/3/21	9.20						9.11	8.12	8.68	8.70
21/3/21	9.99						9.52	9.99	13.27	8.88	23/3/21	10.65							10.33	10.52	10.08	10.54	26/3/21	9.31						9.02	8.17	8.88	8.80
21/3/21	10.11						9.63	9.62	12.11	8.98	23/3/21	10.73							9.97	10.47	9.76	10.39	26/3/21	9.35						8.98	8.29	8.96	8.82
21/3/21	10.04						9.75	9.13	11.88	9.04	23/3/21	10.64							9.92	10.15	9.52	10.26	26/3/21	9.50						8.98	8.45	9.00	8.83
21/3/21	10.06						9.86	9.18	11.21	9.03	23/3/21	10.52							9.90	9.95	9.39	10.10	26/3/21	9.57						9.07	8.82	8.88	8.78
21/3/21	9.61						9.90	9.75	10.34	8.92	23/3/21	10.70							9.83	9.84	9.27	9.86	26/3/21	9.53						9.17	8.78	8.90	8.79
21/3/21	9.62						10.00	9.68	9.90	8.90	23/3/21	10.78							9.63	10.45	9.19	9.82	26/3/21	9.65						9.18	8.74	8.92	8.80
21/3/21	9.69						10.06	9.23	9.68	8.98	24/3/21	10.87							9.29	10.01	9.04	9.83	26/3/21	9.72						9.21	8.75	8.93	8.74
21/3/21	9.81						10.10	9.00	9.36	8.92	24/3/21	10.62							9.14	10.06	8.83	9.66	26/3/21	9.80						9.26	8.76	9.00	8.66
21/3/21	9.83						10.17	8.91	9.11	8.75	24/3/21	10.32							9.09	10.12	8.61	9.70	26/3/21	10.14						9.27	8.51	9.03	8.60
21/3/21	9.85						10.25	8.85	8.97	8.78	24/3/21	9.77							9.07	9.96	8.61	9.71	26/3/21	10.30						9.28	8.52	9.11	8.61
21/3/21	10.63						10.27	8.93	8.92	8.86	24/3/21	9.36							9.06	9.83	8.79	9.78	26/3/21	10.48						9.28	8.83	10.85	8.68
21/3/21	10.43						10.28	9.05	8.87	8.99	24/3/21	9.04							9.10	9.65	8.85	9.65	26/3/21	10.81						9.44	8.99	12.31	8.81
21/3/21	10.49						10.25	9.29	8.80	9.31	24/3/21	8.97							9.19	9.53	8.86	9.67	26/3/21	11.21						9.51	9.19	12.12	8.82
21/3/21	10.78						9.99	9.07	8.77	9.13	24/3/21	9.33							9.14	8.84	8.71	9.84	26/3/21	11.28						9.58	9.25	11.56	8.93
21/3/21	10.88						9.88	9.01	8.75	8.83	24/3/21	9.74							9.06	8.71	8.55	9.91	26/3/21	11.06						9.77	9.42	11.39	9.08
21/3/21	10.97						9.94	9.88	8.74	8.80	24/3/21	9.81							9.09	8.71	8.67	10.52	26/3/21	11.03						9.91	9.41	11.27	9.07
21/3/21	10.97						9.93	8.93	8.75	8.89	24/3/21	9.82							9.13	8.93	8.83	10.33	26/3/21	10.96						10.02	9.57	11.31	9.09
21/3/21	10.61						9.89	8.92	8.75	8.80	24/3/21	9.86							9.24	9.31	8.98	10.32	26/3/21	10.68						10.05	10.39	11.71	9.02
21/3/21	10.51						9.70	8.99	8.73	8.86	24/3/21	9.85							9.25	9.12	8.98	10.23	26/3/21	9.73						10.08	10.33	12.09	8.91
21/3/21	11.14						9.68	9.11	8.60	9.07	24/3/21	9.89							9.17	9.12	8.95	10.18	26/3/21	9.68						10.07	10.12	12.71	8.80
21/3/21	11.53						9.72	9.09	8.47	9.19	24/3/21	10.20							9.19	9.14	8.97	10.28	26/3/21	11.07						10.15	10.22	13.28	8.78
21/3/21	11.28						9.77	9.02	8.33	9.19	24/3/21	10.32							9.14	9.08	8.98	10.19	26/3/21	12.88						10.38	10.14	13.15	9.04
21/3/21	11.03						9.72	9.18	9.08	9.20	24/3/21	10.42							9.12	9.09	8.97	10.05	26/3/21	12.45						10.31	10.38	12.91	10.17
21/3/21	10.81						9.58	9.34	9.72	9.16	24/3/21	10.22							9.16	9.15	8.97	9.96	26/3/21	12.38						10.52	9.96	12.79	9.27
21/3/21	10.67						9.59	9.49	10.06	9.05	24/3/21	9.93							9.21	9.24	9.21	9.62	26/3/21	12.59						10.71	10.57	11.79	9.62
21/3/21	11.00						9.59	9.40	10.19	8.99	24/3/21	9.86							9.12	9.34	10.40	9.65	26/3/21	12.30						10.37	10.32	10.98	9.08
21/3/21	10.86						9.70	9.15	9.51	8.92	24/3/21	9.75							9.16	9.30	10.99	9.73	26/3/21	11.97						10.03	10.38	10.78	8.95
21/3/21	10.87						9.60	9.14	9.42	8.94	24/3/21	10.14							9.00	9.81	10.42	9.94	26/3/21	11.76									

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9		ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9		ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9
28/3/21	8.21						8.72	7.38	7.65	7.72	30/3/21	9.81						10.04	8.59	11.52	8.00	2/4/21	10.50						9.11	7.27	8.96	8.30
28/3/21	8.44						8.63	7.16	7.50	7.66	30/3/21	9.79						10.07	9.02	12.06	8.13	2/4/21	10.58						9.03	7.21	8.89	8.10
28/3/21	8.44						8.72	7.40	7.52	7.71	30/3/21	9.24						10.35	8.84	12.48	8.24	2/4/21	10.68						8.96	7.37	9.01	7.73
28/3/21	8.22						8.72	6.93	7.62	7.83	30/3/21	8.70						10.44	8.75	12.82	7.94	2/4/21	10.72						9.10	8.02	9.21	7.55
28/3/21	7.78						8.76	6.86	7.79	7.91	30/3/21	8.59						10.46	8.95	12.70	7.86	2/4/21	10.33						9.06	7.25	9.13	7.92
28/3/21	7.73						8.93	7.11	8.09	7.93	30/3/21	8.87						10.48	8.74	12.08	7.93	2/4/21	9.81						8.94	6.24	8.46	8.01
28/3/21	8.00						8.99	7.54	8.21	7.95	30/3/21	9.03						10.27	8.22	11.67	8.12	2/4/21	9.09						8.72	6.21	7.81	7.86
28/3/21	8.26						9.07	7.67	8.35	8.03	30/3/21	9.08						10.38	8.47	11.32	8.33	2/4/21	8.37						8.79	6.80	7.02	7.51
28/3/21	8.43						9.23	7.81	8.38	8.12	30/3/21	8.83						10.29	8.20	10.64	9.33	2/4/21	7.78						8.81	6.99	6.65	7.55
28/3/21	8.53						9.32	7.91	8.43	8.22	30/3/21	9.61						10.32	8.30	10.58	9.50	2/4/21	7.91						8.68	6.77	6.55	7.51
28/3/21	8.85						9.31	7.72	8.56	8.33	30/3/21	9.80						10.08	7.87	10.71	9.07	2/4/21	8.07						8.47	6.09	6.64	7.19
28/3/21	9.02						9.32	7.83	8.64	8.28	30/3/21	9.72						10.00	8.33	10.71	8.84	2/4/21	8.04						8.28	5.96	6.69	7.13
28/3/21	9.26						9.32	7.84	8.72	8.02	30/3/21	9.82						10.04	8.26	10.04	8.12	2/4/21	7.93						8.25	5.57	6.74	6.95
28/3/21	9.51						9.29	7.60	9.00	8.09	30/3/21	10.38						9.90	8.08	9.95	7.84	2/4/21	7.70						8.23	5.75	7.03	6.75
28/3/21	9.68						9.43	7.41	10.03	8.32	30/3/21	11.05						9.76	8.46	9.85	7.83	2/4/21	7.60						8.36	5.64	7.51	6.66
28/3/21	9.98						9.34	8.12	11.84	8.46	30/3/21	11.23						9.68	9.05	9.76	7.82	2/4/21	7.81						8.40	5.83	8.15	6.47
28/3/21	10.24						9.42	8.02	11.84	8.35	30/3/21	11.03						9.58	9.21	9.43	8.05	2/4/21	8.25						8.46	6.15	9.16	6.48
28/3/21	10.78						9.67	8.07	11.40	8.50	31/3/21	10.85						9.37	9.16	9.21	8.34	2/4/21	8.73						8.76	6.33	10.61	6.42
28/3/21	11.07						9.71	8.14	11.37	8.40	31/3/21	10.90						9.22	8.96	9.23	8.47	2/4/21	8.53						8.93	6.81	12.44	6.36
28/3/21	10.69						9.73	7.88	10.87	8.77	31/3/21	11.29						9.25	8.60	9.37	8.24	2/4/21	8.69						9.00	6.68	12.63	6.60
28/3/21	10.03						9.79	8.05	11.05	8.48	31/3/21	10.42						9.14	7.88	9.37	7.85	2/4/21	9.12						8.98	6.37	11.40	6.68
28/3/21	9.13						9.78	8.42	11.45	8.19	31/3/21	9.99						9.22	7.02	9.30	7.47	2/4/21	8.99						9.14	6.34	10.73	6.60
28/3/21							9.83	9.02	11.34	8.14	31/3/21	9.54						9.12	7.17	8.70	7.67	2/4/21	9.14						9.42	6.26	9.56	6.56
28/3/21							9.95	9.30	11.12	8.22	31/3/21	9.22						9.28	6.76	7.95	8.02	2/4/21	9.49						9.71	6.32	8.73	6.65
28/3/21							9.94	8.99	10.91	8.46	31/3/21	8.96						9.15	7.00	8.02	7.77	2/4/21	9.87						9.65	6.35	8.19	6.69
28/3/21	10.86						9.80	8.75	10.81	9.31	31/3/21	8.30						9.17	6.89	8.03	7.33	2/4/21	10.18						9.61	6.24	7.69	7.00
28/3/21	10.68						10.00	8.70	10.77	9.39	31/3/21	8.05						9.12	6.19	7.93	7.35	2/4/21	10.40						9.55	6.54	7.54	7.14
28/3/21	10.44						10.29	8.31	10.26	9.12	31/3/21	7.78						9.09	6.54	7.76	7.42	2/4/21	10.59						10.16	6.60	7.42	7.16
28/3/21	10.26						9.89	8.80	9.95	8.81	31/3/21	7.60						9.02	6.73	7.41	7.22	2/4/21	10.71						10.36	6.69	7.39	7.13
28/3/21	10.19						9.70	8.60	9.83	8.47	31/3/21	9.00						8.86	6.71	6.97	6.97	2/4/21	10.80						9.96	6.83	7.41	7.13
28/3/21	10.20						9.69	8.99	9.99	8.21	31/3/21	9.35						8.84	6.67	6.84	6.89	2/4/21	10.97						9.91	7.01	7.40	6.99
28/3/21	9.96						9.54	9.06	9.98	8.17	31/3/21	9.35						8.77	6.61	6.99	6.77	2/4/21	10.71						10.18	6.77	7.42	7.30
28/3/21	9.62						9.57	9.35	9.87	8.20	31/3/21	9.34						9.00	6.91	7.33	6.74	2/4/21	10.59						10.03	6.71	7.39	6.95
28/3/21	9.70						9.52	9.38	9.61	8.42	31/3/21	8.54						9.18	7.01	7.79	6.66	2/4/21	10.50						11.29	6.35	7.44	6.99
28/3/21	9.56						9.53	9.31	9.30	8.66	31/3/21	8.29						9.23	6.96	8.30	6.63	2/4/21	10.51						10.82	6.37	7.99	7.16
28/3/21	9.66						9.43	8.97	9.37	8.74	31/3/21	8.04						9.27	6.61	8.46	6.97	2/4/21	10.32						10.55	6.00	8.91	7.13
28/3/21	9.80						9.34	8.48	9.45	8.53	31/3/21	8.29						9.27	6.40	8.39	6.88	2/4/21	10.24						10.33	5.73	10.20	6.88
29/3/21	10.20						9.20	8.03	9.57	8.35	31/3/21	8.68						9.45	6.50	8.29	6.97	2/4/21	10.35						10.02	5.24	10.62	6.96
29/3/21	10.15						9.16	8.15	9.48	8.14	31/3/21	9.12						9.60	6.57	8.13	7.17	2/4/21	10.57						9.41	5.40	10.38	7.10
29/3/21	10.05						9.16	7.58	9.08	8.33	31/3/21	9.73						9.72	6.64	8.07	7.14	2/4/21	10.63						9.11	6.46	9.42	6.73
29/3/21	9.65						9.14	7.85	8.33	8.41	31/3/21	10.40						9.77	6.73	7.94	7.25	2/4/21	10.71						8.95	6.44	8.16	7.31
29/3/21	9.91						9.22	8.02	8.29	8.39	31/3/21	10.85						9.90	7.04	7.89	7.52	2/4/21	10.99						8.94	6.60	7.96	7.20
29/3/21	9.24						9.15	7.57	8.45	8.38	31/3/21	11.19						10.16	7.22	7.96	7.59	2/4/21	10.96						8.96	6.61	8.24	7.15
29/3/21	8.69						9.08	7.43	8.44	8.16	31/3/21	11.03						10.24	7.38	8.10	7.50	2/4/21	10.44						8.96	6.60	8.57	7.45
29/3/21	8.24						9.00	7.32	8.23	7.93	31/3/21	11.13						10.27	7.32	8.05	7.35	2/4/21	10.00						8.86	6.43	8.98	7.75
29/3/21	7.77						8.95	7.14	8.01	7.77	31/3/21	11.60						10.30	7.00	8.19	7.60	2/4/21	9.81						8.83	6.78	9.32	8.00
29/3/21	9.21						8.92	7.12	7.63	7.49	31/3/21	11.96						10.71	7.17	10.28	7.82	3/4/21	9.47						8.73	6.87	9.45	8.36
29/3/21	9.58						8.74	6.96	7.36	7.46	31/3/21	12.14						11.20	7.18	12.68	7.71	3/4/21	9.28						8.66	6.95	9.49	8.21
29/3/21	9.82						8.78	6.96	7.33	7.53	31/3/21	11.93						10.52	7.85	12.90	7.58	3/4/21	9.38						8.59	7.03	9.52	8.09
29/3/21	10.01						8.84	7.25	7.17	7.75	31/3/21	11.95						10.33	8.19	12.31	7.64	3/4/21	9.50						8.61			

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	
4/4/21	8.16						8.53	7.04	10.71	6.34	6/4/21	7.13							8.05	7.10	7.76	7.44	9/4/21	8.50						8.39	8.42	8.30	7.64
4/4/21	8.33						8.75	7.73	10.11	6.28	6/4/21	7.05							7.98	7.21	7.80	7.45	9/4/21	8.40						8.26	8.57	8.16	8.04
4/4/21	8.49						8.98	7.58	9.84	6.24	6/4/21	6.86							8.00	7.26	7.84	7.39	9/4/21	8.41						8.20	8.43	8.35	8.13
4/4/21	8.62						9.10	7.34	9.42	6.23	6/4/21	6.61							7.89	7.14	7.84	7.39	9/4/21	8.41						8.23	8.26	8.53	8.15
4/4/21	8.75						9.07	7.67	8.51	6.11	6/4/21	6.84							7.83	6.93	7.81	7.36	9/4/21	8.40						8.26	8.14	8.40	8.14
4/4/21	8.62						9.05	7.49	7.98	6.11	6/4/21	6.97							7.74	6.91	7.75	7.31	9/4/21	8.31						8.25	8.06	8.35	8.07
4/4/21	8.66						9.07	7.09	7.63	6.19	6/4/21	6.82							7.81	6.90	7.70	6.96	9/4/21	8.16						8.29	8.00	8.31	8.05
4/4/21	8.78						9.14	6.62	7.31	6.55	6/4/21	6.74							7.79	7.04	7.69	7.16	9/4/21	8.12						8.34	7.89	8.23	7.96
4/4/21	9.03						9.32	6.53	7.13	6.38	7/4/21	6.68							7.85	6.93	7.29	7.39	9/4/21	8.15						8.41	7.75	8.10	7.95
4/4/21	9.23						9.38	6.35	7.06	6.31	7/4/21	6.70							7.79	7.15	6.79	7.40	9/4/21	8.22						8.42	7.56	8.02	7.93
4/4/21	9.35						9.41	6.26	7.06	6.25	7/4/21	6.58							7.55	7.09	6.62	7.39	9/4/21	8.25						8.59	7.61	7.98	7.83
4/4/21	9.33						9.45	6.13	7.12	6.23	7/4/21	6.49							7.54	7.12	6.67	7.38	9/4/21	8.44						8.68	7.57	8.06	7.96
4/4/21	9.64						9.49	6.21	7.22	6.15	7/4/21	6.56							7.58	7.07	6.85	7.23	9/4/21	8.81						8.68	7.59	8.08	8.01
4/4/21	9.88						9.07	6.53	7.28	6.07	7/4/21	6.42							7.65	6.87	7.14	7.18	9/4/21	9.23						8.80	7.79	9.76	8.06
4/4/21	9.80						8.80	6.67	7.39	6.28	7/4/21	6.35							7.71	7.66	7.35	7.13	9/4/21	9.82						8.65	8.33	11.74	8.05
4/4/21	9.61						8.98	6.68	7.49	6.68	7/4/21	6.26							7.71	7.64	7.38	7.05	9/4/21	10.09						8.58	8.88	11.79	8.31
4/4/21	9.20						8.94	6.73	7.54	6.67	7/4/21	6.25							7.61	6.84	7.28	6.94	9/4/21	9.95						8.69	9.08	11.39	8.36
4/4/21	9.06						8.77	6.78	7.56	6.68	7/4/21	6.35							7.62	7.04	7.13	7.21	9/4/21	10.33						8.81	8.85	11.76	8.49
4/4/21	8.95						8.94	7.03	7.56	6.87	7/4/21	6.36							7.63	7.01	7.03	7.29	9/4/21	10.62						8.88	10.17	11.89	8.59
4/4/21	8.75						8.63	6.82	7.47	7.07	7/4/21	6.31							7.64	6.64	7.25	7.23	9/4/21	10.82						8.96	10.15	11.20	8.67
4/4/21	8.61						8.60	6.66	7.42	6.87	7/4/21	6.37							7.67	6.51	7.31	7.08	9/4/21	10.51						8.97	10.03	10.67	8.59
4/4/21	8.44						8.54	7.27	7.21	6.82	7/4/21	6.55							7.71	6.81	7.30	7.10	9/4/21	10.59						8.90	10.23	11.11	8.58
4/4/21	8.38						8.49	8.08	6.96	7.05	7/4/21	6.62							7.78	6.85	7.27	7.13	9/4/21	10.82						8.94	9.53	11.76	8.56
4/4/21	8.34						8.35	7.90	6.69	7.06	7/4/21	6.74							7.78	6.67	7.27	7.14	9/4/21	11.17						8.94	9.69	12.08	8.77
4/4/21	8.22						8.62	9.29	6.50	7.24	7/4/21	6.92							7.77	6.73	7.28	7.25	9/4/21	11.20						8.89	9.78	11.56	9.17
4/4/21	8.02						8.53	9.73	6.51	7.13	7/4/21	6.88							7.80	6.49	7.29	7.03	9/4/21	10.43						8.91	9.43	10.86	9.15
4/4/21	7.93						8.23	9.55	6.69	6.98	7/4/21	6.99							7.77	6.28	7.27	7.11	9/4/21	10.02						9.40	9.98	10.02	8.96
5/4/21	7.71						8.19	9.47	6.83	7.08	7/4/21	7.07							7.72	6.41	7.43	7.33	9/4/21	10.19						9.20	9.74	9.77	8.74
5/4/21	7.73						8.29	9.04	7.26	7.09	7/4/21	7.13							7.95	6.63	7.10	7.43	9/4/21	10.14						9.11	9.58	9.76	8.62
5/4/21	7.62						8.26	8.16	7.49	6.98	7/4/21	7.28							8.07	7.03	7.11	7.38	9/4/21	9.74						8.95	9.33	9.67	8.48
5/4/21	7.41						8.19	8.75	7.76	6.99	7/4/21	7.60							8.20	7.33	9.97	7.44	9/4/21	9.55						8.84	9.22	9.46	8.44
5/4/21	7.19						8.15	8.63	7.93	7.01	7/4/21	7.76							8.30	7.37	9.67	7.51	9/4/21	9.58						8.77	9.07	9.17	8.39
5/4/21	7.07						8.18	8.28	7.83	6.98	7/4/21	7.80							8.38	7.38	9.50	7.65	9/4/21	9.57						8.72	8.97	8.77	8.35
5/4/21	7.22						7.97	8.27	7.57	6.59	7/4/21	7.76							8.41	7.84	9.68	7.68	9/4/21	9.56						8.66	8.70	8.61	8.36
5/4/21	7.77						7.51	8.31	7.02	6.12	7/4/21	7.86							8.43	7.92	9.83	7.77	9/4/21	9.46						8.70	8.87	8.50	8.32
5/4/21	7.86						7.72	8.17	6.74	5.89	7/4/21	8.05							8.54	8.01	10.04	7.89	9/4/21	9.33						8.50	8.91	8.41	8.11
5/4/21	7.90						7.59	7.89	6.69	5.88	7/4/21	8.92							8.68	8.16	10.48	7.96	9/4/21	9.24						8.51	9.09	8.38	8.02
5/4/21	7.71						7.40	7.35	6.73	5.59	7/4/21	9.10							8.76	8.11	11.09	7.96	10/4/21	9.08						8.56	9.11	8.33	8.26
5/4/21	7.64						7.21	7.39	6.91	5.70	7/4/21	9.21							8.79	7.97	11.78	7.78	10/4/21	8.87						8.60	9.03	8.27	8.27
5/4/21	7.59						7.46	7.61	6.99	6.16	7/4/21	9.38							8.50	7.92	12.46	7.84	10/4/21	8.81						8.48	8.85	7.85	8.31
5/4/21	7.55						7.26	7.38	6.85	6.48	7/4/21	9.50							8.60	8.12	13.03	7.91	10/4/21	8.92						8.41	8.76	7.52	8.30
5/4/21	7.39						7.15	7.13	6.90	6.66	7/4/21	8.93							8.99	8.01	12.59	8.27	10/4/21	8.86						8.41	8.87	7.60	8.20
5/4/21	7.16						7.54	6.70	6.87	6.68	7/4/21	9.44							8.74	8.71	10.95	8.34	10/4/21	8.29						8.38	9.20	7.79	8.16
5/4/21	6.81						7.48	6.61	6.95	6.34	7/4/21	9.43							8.64	8.62	9.50	8.16	10/4/21	7.82						8.34	9.17	8.03	8.18
5/4/21	6.77						7.49	6.67	7.55	6.40	7/4/21	9.62							9.31	8.53	8.96	7.98	10/4/21	7.59						8.26	8.85	8.09	8.16
5/4/21	6.84						7.18	6.73	9.55	7.16	7/4/21	9.81							9.18	8.12	8.76	8.02	10/4/21	7.34						8.10	8.57	8.08	8.11
5/4/21	7.01						7.63	6.95	10.45	7.27	7/4/21	9.81							8.91	8.07	8.61	7.92	10/4/21	7.18						7.95	8.34	7.98	8.10
5/4/21	7.00						7.45	7.15	10.31	7.17	7/4/21	9.86							8.67	8.03	8.48	7.96	10/4/21	7.21						8.13	8.12	7.91	7.73
5/4/21	7.25						7.92	7.21	10.94	7.36	7/4/21	9.58							8.57	7.67	8.31	7.98	10/4/21	7.25						8.17	7.87	7.80	7.64
5/4/21	7.56						7.8																										

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2		data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2		data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	ve1 mg/l		ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	ve1 mg/l	ve2 mg/l		ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l			
11/4/21	7.61						8.17	7.34	8.50	7.91	14/4/21	7.67							8.41	7.74	8.23	7.99	16/4/21	8.97							9.37	7.32	9.76	7.96	
11/4/21	7.54						8.20	7.30	8.47	7.91	14/4/21	7.18							8.46	7.57	8.20	8.00	16/4/21	8.91							9.37	7.51	9.40	7.88	
11/4/21	7.50						8.34	7.73	8.44	7.98	14/4/21	7.18							8.37	7.27	7.95	8.16	16/4/21	8.90							9.66	7.40	9.07	7.80	
11/4/21	7.54						8.39	7.91	8.46	7.92	14/4/21	7.03							8.35	7.50	7.56	8.16	16/4/21	9.14							9.68	7.40	8.96	8.08	
11/4/21	7.58						8.43	7.77	8.33	7.62	14/4/21	6.90							8.34	7.20	7.48	8.23	16/4/21	9.54							9.33	7.64	8.83	8.18	
11/4/21	7.60						8.46	7.61	8.17	7.44	14/4/21	6.79							8.35	6.81	7.67	8.05	16/4/21	10.02							9.53	7.64	8.75	8.20	
11/4/21	7.55						8.39	7.95	8.32	8.06	14/4/21	6.79							8.33	6.77	7.82	7.98	16/4/21	10.65							9.67	7.50	8.60	8.15	
11/4/21	7.53						8.30	8.01	8.37	8.13	14/4/21	6.77							8.26	7.36	7.86	7.97	16/4/21	10.65							9.62	7.33	8.48	8.13	
11/4/21	7.50						8.25	7.77	8.24	8.11	14/4/21	6.65							8.22	7.03	7.79	8.06	16/4/21	10.22							9.65	7.30	8.42	7.99	
11/4/21	7.49						8.25	7.68	8.13	7.97	14/4/21	6.27							8.22	6.65	7.72	7.95	16/4/21	10.10							9.66	7.30	8.38	7.99	
11/4/21	7.48						8.21	7.59	8.06	7.99	14/4/21	5.70							8.12	6.35	7.71	7.72	16/4/21	10.03							9.81	7.79	8.21	8.39	
11/4/21	7.42						8.18	7.45	7.95	7.97	14/4/21								8.12	7.14	7.82	7.45	16/4/21	9.86							9.60	7.61	8.16	8.48	
11/4/21	7.41						8.14	7.33	7.93	7.97	14/4/21	5.99							8.10	6.58	8.14	7.43	16/4/21	9.64							9.65	8.66	9.85	8.44	
11/4/21	7.32						8.12	7.44	7.91	8.03	14/4/21	6.43							8.14	6.14	8.62	7.54	16/4/21	9.60							9.91	9.92	12.50	8.53	
11/4/21	7.29						8.04	7.45	7.94	7.99	14/4/21	6.58							8.30	6.61	9.35	7.48	16/4/21	9.77							9.94	10.44	13.94	8.50	
11/4/21	7.23						8.03	7.38	7.96	7.93	14/4/21	6.62							8.38	6.36	9.45	7.66	16/4/21	9.86							9.89	10.71	15.18	8.66	
11/4/21	7.22						8.00	7.38	8.03	7.90	14/4/21	6.80							8.43	6.56	8.96	7.82	16/4/21	9.73							9.89	10.47	16.12	8.82	
11/4/21	7.18						7.93	7.26	8.01	7.65	14/4/21	7.19							8.56	7.18	8.41	7.89	16/4/21	9.51							9.77	9.93	15.99	8.87	
12/4/21	7.07						7.94	7.16	7.94	7.53	14/4/21	7.43							8.65	7.22	8.03	7.90	16/4/21	9.38							9.76	10.19	14.99	8.51	
12/4/21	6.93						7.85	6.90	7.93	7.62	14/4/21	7.43							8.45	6.95	7.94	7.96	16/4/21	9.40							9.59	10.09	13.84	8.41	
12/4/21	6.95						7.93	6.25	7.94	7.80	14/4/21	7.46							8.41	6.89	7.91	7.99	16/4/21	9.48							9.48	9.77	13.06	8.63	
12/4/21	6.99						7.92	6.89	7.63	7.91	14/4/21	7.58							8.39	7.04	7.83	7.99	16/4/21	9.49							9.32	9.20	13.16	8.45	
12/4/21	6.95						7.93	7.50	7.24	7.95	14/4/21	7.63							8.38	7.07	7.82	8.12	16/4/21	10.02							9.57	8.85	12.09	8.55	
12/4/21	6.87						8.06	7.34	7.05	7.94	14/4/21	7.59							8.38	7.08	7.82	8.10	16/4/21	10.48							9.45	8.70	10.56	8.40	
12/4/21	6.72						7.99	7.66	7.08	7.90	14/4/21	7.64							8.59	7.29	7.80	8.19	16/4/21	10.10							9.42	8.46	10.02	8.46	
12/4/21	6.66						7.87	7.79	7.22	7.82	14/4/21	7.91							8.68	7.34	7.84	8.18	16/4/21	9.75							9.86	8.23	9.61	8.54	
12/4/21	6.59						7.83	7.55	7.28	7.76	14/4/21	7.95							8.65	7.42	7.84	7.92	16/4/21	9.57							10.00	8.41	9.22	8.43	
12/4/21	6.58						7.76	7.34	7.27	7.83	14/4/21	7.78							8.51	6.77	7.88	8.24	16/4/21	9.65							9.86	8.58	9.93	8.47	
12/4/21	6.54						7.69	6.80	7.22	7.91	14/4/21	8.96							8.59	6.61	8.90	8.30	17/4/21	9.96							9.80	8.63	8.70	8.48	
12/4/21	6.27						7.70	6.65	7.23	7.84	14/4/21	8.65							8.86	7.42	10.96	8.34	17/4/21	10.00							9.51	8.55	8.55	8.43	
12/4/21	6.24						7.75	7.06	7.24	7.73	14/4/21	8.69							9.14	7.73	11.89	8.37	17/4/21	9.96							9.37	8.52	8.48	8.34	
12/4/21	6.33						7.73	6.77	7.17	7.46	14/4/21	8.65							9.01	8.08	11.58	8.40	17/4/21	9.55							9.18	8.48	8.42	8.29	
12/4/21	6.42						7.62	6.63	7.09	7.48	14/4/21	8.62							9.03	8.36	11.14	8.43	17/4/21	9.48							9.17	8.52	8.36	8.18	
12/4/21	6.32						7.72	6.43	7.10	7.52	14/4/21	8.70							9.08	7.68	11.41	8.46	17/4/21	9.20							9.19	8.40	8.10	8.18	
12/4/21	6.13						7.79	6.75	7.21	7.69	14/4/21	8.48							9.09	7.42	11.90	8.63	17/4/21	8.60							9.22	8.28	7.61	7.84	
12/4/21	6.11						7.85	6.71	7.22	7.68	14/4/21	8.24							9.10	7.28	11.81	8.67	17/4/21	8.58							9.10	8.44	7.58	7.90	
12/4/21	6.30						7.92	6.78	7.25	7.63	14/4/21	8.30							9.07	6.94	11.22	8.33	17/4/21	8.98							9.86	8.36	7.84	8.30	
12/4/21	6.57						7.96	6.89	7.30	7.65	14/4/21	8.62							9.00	7.11	10.54	8.43	17/4/21	9.04							8.79	7.59	8.10	8.52	
12/4/21	6.78						7.95	6.86	7.36	7.72	14/4/21	8.73							8.89	7.09	10.65	8.30	17/4/21	9.09							8.67	7.48	8.47	8.54	
12/4/21	6.94						7.97	6.86	7.38	7.72	14/4/21	8.67							8.97	6.95	10.84	8.44	17/4/21	8.93							8.63	7.49	8.87	8.50	
12/4/21	7.05						8.00	6.76	7.42	7.69	14/4/21	8.90							9.06	7.13	10.02	8.37	17/4/21	8.55							8.64	7.12	8.96	8.35	
12/4/21	7.13						8.06	6.84	7.46	7.60	14/4/21	8.95							8.99	7.52	9.45	8.40	17/4/21	8.16							8.59	6.83	8.95	8.40	
12/4/21	7.24						8.10	6.82	7.50	7.47	14/4/21	8.67							8.98	7.62	9.43	8.31	17/4/21	8.07							8.57	7.47	9.33	8.08	
12/4/21	7.32						8.10	7.03	7.58	7.40	14/4/21	8.52							9.08	7.86	9.33	8.40	17/4/21	8.19							8.63	7.58	9.88	7.88	
12/4/21	7.39						8.09	6.54	7.70	7.50	14/4/21	8.48							8.79	7.96	9.11	8.40	17/4/21	8.38							8.76	7.77	10.82	8.21	
12/4/21	7.42						8.16	6.43	7.96	7.72	14/4/21	8.36							8.74	8.15	8.88	8.49	17/4/21	8.55							8.85	7.69	12.05	8.01	
12/4/21	7.37						8.19	6.70	8.25	7.89	14/4/21	8.74							8.85	7.98	8.67	8.38	17/4/21	8.72							8.83	7.54	13.24	7.99	
12/4/21	7.30						8.24	6.92	9.03	8.03	15/4/21	8.57							8.93	7.79	8.50	8.28	17/4/21	8.98							8.83	7.93	12.00	8.26	
12/4/21	7.28						8.31	7.56	9.28	8.07	15/4/21	8.86							8.90	7.															

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	
	ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9		ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9		ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9	
18/4/21	11.03						9.53	8.26	11.37	8.08	21/4/21	8.12										23/4/21	10.83							9.21	8.20	12.24	6.94
18/4/21	10.63						9.37	8.27	11.17	7.72	21/4/21	8.32										23/4/21	10.69							9.27	8.88	13.11	7.25
18/4/21	10.51						9.36	8.25	10.91	7.63	21/4/21	8.34										23/4/21	10.70							9.16	8.77	13.67	8.62
18/4/21	10.35						9.46	8.66	10.68	7.74	21/4/21	8.50										23/4/21	11.50							9.15	8.98	13.98	8.39
18/4/21	10.30						9.59	8.47	10.61	7.97	21/4/21	8.58										23/4/21	11.81							9.87	8.58	13.06	8.73
18/4/21	10.10						9.62	8.10	9.96	8.05	21/4/21	8.73										23/4/21	11.30							9.44	9.57	12.05	8.56
18/4/21	9.83						9.55	8.02	9.46	7.93	21/4/21	8.75										23/4/21	12.15							10.33	9.72	10.41	8.15
18/4/21	9.92						9.44	7.67	8.99	7.87	21/4/21	8.61										23/4/21	12.50							10.61	9.19	9.30	7.83
18/4/21	10.06						9.42	8.13	8.75	8.01	21/4/21	8.31										23/4/21	12.34							10.01	9.10	9.03	8.19
19/4/21	10.10						9.45	8.04	8.65	8.11	21/4/21	8.16										23/4/21	12.30							9.58	8.67	8.78	8.39
19/4/21	10.05						9.42	8.06	8.57	8.18	21/4/21	8.14										23/4/21	12.42							9.37	8.34	8.57	8.53
19/4/21	9.87						9.11	8.13	8.50	7.93	21/4/21	8.26										23/4/21	12.23							9.39	7.99	8.31	8.58
19/4/21	9.66						9.04	8.18	8.38	7.73	21/4/21	8.74										23/4/21	11.94							9.30	8.07	7.97	8.52
19/4/21	9.53						9.05	8.08	8.27	7.58	21/4/21	9.07										23/4/21	11.68							9.24	8.08	7.90	8.59
19/4/21	9.56						8.88	8.10	8.23	7.54	21/4/21	9.12										23/4/21	11.18							9.06	8.20	7.89	8.40
19/4/21	9.68						9.04	8.08	7.98	7.29	21/4/21	9.63										23/4/21	11.63							9.12	8.27	8.06	7.83
19/4/21	9.78						8.98	8.03	7.41	7.31	21/4/21	9.63										23/4/21	12.14							9.23	8.33	8.08	7.62
19/4/21	9.71						8.90	7.41	7.26	7.34	21/4/21	9.74										23/4/21	12.48							9.15	8.22	7.07	7.69
19/4/21	9.53						8.75	7.37	7.42	7.38	21/4/21	9.93										23/4/21	12.30							9.20	7.35	7.95	8.21
19/4/21	9.44						8.65	7.95	7.56	7.11	21/4/21	9.88										24/4/21	11.91							9.29	6.83	6.98	8.20
19/4/21	9.40						8.69	8.07	8.08	6.91	21/4/21	10.36										24/4/21	11.14							9.17	7.24	6.37	8.10
19/4/21	9.28						8.86	7.97	8.43	6.98	21/4/21	10.70										24/4/21	9.18							8.87	7.28	6.35	8.16
19/4/21	9.17						8.81	7.67	8.44	6.77	21/4/21	11.06										24/4/21	7.78							8.86	7.47	6.47	8.59
19/4/21	9.28						8.79	7.53	8.59	7.36	21/4/21	11.18										24/4/21	7.40							8.67	8.05	6.71	8.40
19/4/21	9.11						8.88	7.36	9.04	7.28	21/4/21	11.11										24/4/21	7.16							8.63	7.96	6.95	8.26
19/4/21	8.85						9.00	7.23	9.79	7.64	21/4/21	11.33										24/4/21	6.93							8.71	6.98	7.11	7.96
19/4/21	8.80						9.14	7.06	10.41	7.49	21/4/21	11.75										24/4/21	6.82							8.65	6.32	6.99	7.48
19/4/21	9.50						9.01	7.25	10.95	7.33	21/4/21	11.91										24/4/21	6.94							8.47	6.17	6.73	6.74
19/4/21	10.31						8.90	7.39	11.84	7.21	21/4/21	11.53										24/4/21	6.90							8.48	6.12	6.39	7.27
19/4/21	10.00						9.01	7.45	11.90	6.89	21/4/21	11.10										24/4/21	6.91							8.16	5.27	6.20	6.40
19/4/21	9.46						9.15	7.49	11.49	7.04	21/4/21	10.85										24/4/21	7.02							8.02	4.95	6.34	7.29
19/4/21	8.93						9.24	7.13	11.22	7.30	21/4/21	10.83										24/4/21	6.95							8.20	5.36	6.68	7.37
19/4/21	8.64						9.32	7.42	10.70	7.32	21/4/21	10.70										24/4/21	7.03							8.17	6.16	7.45	7.39
19/4/21	9.09						9.33	6.88	10.07	7.67	21/4/21	10.81										24/4/21	7.17							8.32	5.83	7.46	7.34
19/4/21	9.63						9.46	6.77	9.30	7.54	21/4/21	10.78										24/4/21	7.29							8.50	6.51	7.11	7.14
19/4/21	10.02						9.69	7.55	8.79	7.33	21/4/21	10.68										24/4/21	7.19							8.48	6.76	7.12	7.30
19/4/21	10.68						9.69	7.79	8.55	7.73	21/4/21	10.32										24/4/21	6.91							8.55	6.82	7.08	7.45
19/4/21	11.28						9.66	7.84	8.39	7.67	21/4/21	9.58										24/4/21	7.23							8.37	6.78	7.06	7.56
19/4/21	11.46						9.65	7.96	8.26	7.65	22/4/21	8.52										24/4/21	9.07							8.37	6.45	7.08	7.64
19/4/21	11.57						9.62	8.00	8.16	7.46	22/4/21	7.68										24/4/21	10.40							8.60	6.65	7.06	6.90
19/4/21	11.37						9.47	7.69	8.08	7.65	22/4/21	7.59										24/4/21	10.83							8.50	6.56	7.32	7.39
19/4/21	11.22						9.59	7.98	8.01	7.78	22/4/21	7.74										24/4/21	11.29							8.53	5.87	7.44	6.69
19/4/21	10.90						9.63	7.77	7.98	7.42	22/4/21	7.61										24/4/21	11.36							8.66	5.12	10.35	6.61
19/4/21	10.71						9.70	7.90	7.81	7.57	22/4/21	7.40										24/4/21	11.43							8.86	5.96	12.15	7.75
19/4/21	10.64						9.63	7.97	7.86	7.62	22/4/21	7.39										24/4/21	11.00							9.08	6.33	11.51	7.81
19/4/21	10.65						9.62	7.92	7.87	8.08	22/4/21	7.38										24/4/21	10.97							9.16	6.45	10.86	7.85
19/4/21	10.74						9.69	7.61	8.29	8.15	22/4/21	7.23										24/4/21	11.07							9.38	7.21	11.48	6.98
19/4/21	10.54						9.53	7.94	8.65	8.18	22/4/21	7.11										24/4/21	11.22							9.53	8.88	11.41	8.14
19/4/21	10.43						9.47	7.65	8.42	8.19	22/4/21	7.04										24/4/21	11.36							9.68	8.90	10.98	6.99
19/4/21	11.10						9.35	7.70	8.52	8.16	22/4/21	7.05										24/4/21	10.98							9.64	8.97	11.04	6.72
19/4/21	10.24						9.20	7.83	9.45	8.19	22/4/21	7.17										24/4/21	10.96							9.50	8.28	12.16	6.92
19/4/21	9.96						9.17	7.30	9.61	8.30	22/4/21	7.22										24/4/21	11.40							9.25	8.57	12.73	6.78
19/4/21	10.42						9.32	6.81	9.18	8.30	22/4/21	7.56										24/4/21	11.64							9.11	8.69	12.04	7.65
19/4/21	10.72						9.10	7.13	8																								

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	
	ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9		ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9		ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9	
26/4/21	9.91						8,27	7,03	8,12	7,23	28/4/21	8,34							8,10	6,20	7,08	7,06	30/4/21	9,91						7,84	7,16	8,96	6,42
26/4/21	9.07						8,32	6,62	7,46	7,25	28/4/21	8,81							7,93	6,20	6,79	7,00	30/4/21	9,46						7,80	6,73	8,33	6,17
26/4/21	8.17						8,05	6,19	6,67	7,16	28/4/21	9,26							7,79	6,32	6,77	7,16	30/4/21	9,29						7,65	6,74	8,16	6,16
26/4/21	7.63						7,77	6,94	6,20	7,06	28/4/21	9,56							7,92	6,43	6,94	7,11	30/4/21	8,84						7,55	6,41	8,31	6,28
26/4/21	7.53						7,68	7,14	6,20	6,89	28/4/21	9,80							7,95	6,41	6,99	7,05	30/4/21	8,69						7,77	6,56	8,12	6,72
26/4/21	7.75						7,61	7,17	6,24	6,87	28/4/21	9,60							8,08	6,51	7,05	6,93	30/4/21	8,59						7,74	7,33	7,78	7,07
26/4/21	8.09						7,45	6,64	6,63	6,74	28/4/21	9,74							8,10	6,74	7,10	6,85	30/4/21	8,13						7,68	6,49	7,51	6,85
26/4/21	8.28						7,36	6,42	6,68	6,38	28/4/21	9,38							8,21	7,56	7,29	6,82	30/4/21	8,07						7,64	6,16	7,31	6,83
26/4/21	8.19						7,15	6,19	6,39	5,76	28/4/21	9,46							8,10	7,94	7,70	6,40	30/4/21	8,48						7,64	6,15	7,33	6,65
26/4/21	7.61						6,96	6,03	6,25	5,19	28/4/21	10,13							8,21	7,95	8,01	6,30	30/4/21	9,03						7,62	6,05	7,24	6,24
26/4/21	7.36						7,09	5,81	6,15	5,45	28/4/21	10,54							8,40	7,42	7,97	7,34	1/5/21	8,66						7,57	5,95	7,36	6,24
26/4/21	7.68						7,09	5,61	5,88	5,40	28/4/21	10,65							8,47	7,35	8,25	7,35	1/5/21	8,64						7,61	6,03	7,40	5,96
26/4/21	7.69						7,23	6,01	6,00	5,70	28/4/21	11,27							8,76	7,65	9,76	7,54	1/5/21	8,79						7,54	5,97	7,27	5,92
26/4/21	7.49						7,31	5,58	6,26	5,63	28/4/21	11,64							8,78	8,16	10,84	7,67	1/5/21	8,62						7,39	6,05	7,30	6,53
26/4/21	6.57						7,37	5,31	6,40	6,07	28/4/21	10,97							8,65	8,18	10,79	7,74	1/5/21	8,33						7,35	5,29	7,38	6,48
26/4/21	6.22						7,67	5,92	6,55	6,18	28/4/21	11,10							8,66	8,26	10,87	7,81	1/5/21	7,62						7,31	5,15	7,02	6,63
26/4/21	6.51						7,83	5,78	6,48	5,78	28/4/21	10,81							8,44	8,23	11,00	7,89	1/5/21	7,45						7,30	5,91	6,63	6,70
26/4/21	6.71						7,83	6,30	6,29	6,39	28/4/21	10,27							8,42	7,97	10,91	8,19	1/5/21	7,05						7,25	6,03	5,99	6,75
26/4/21	7.13						8,06	6,16	6,40	6,57	28/4/21	10,35							8,20	7,57	10,51	6,31	1/5/21	6,61						7,28	6,21	5,68	6,73
26/4/21	7.23						8,05	6,29	6,53	6,54	28/4/21	10,01							8,15	7,13	10,25	6,98	1/5/21	5,96						7,43	5,80	5,60	6,70
26/4/21	7.08						8,12	6,33	6,64	6,52	28/4/21	10,13							8,14	7,05	10,32	7,58	1/5/21	6,25						7,44	5,90	5,46	6,67
26/4/21	6.97						8,21	6,20	6,64	6,30	28/4/21	10,08							8,14	7,01	9,53	7,78	1/5/21	5,64						7,39	6,15	5,42	6,60
26/4/21	6.86						8,28	5,99	6,83	6,00	28/4/21	9,93							8,22	7,56	8,80	7,77	1/5/21	5,83						7,27	5,78	6,12	6,40
26/4/21	6.86						8,29	5,90	7,06	5,41	28/4/21	10,24							8,61	7,50	8,51	7,76	1/5/21	6,12						7,22	5,55	6,55	6,41
26/4/21	7.28						8,25	6,22	7,28	5,78	28/4/21	10,45							8,47	7,63	8,42	7,70	1/5/21	6,26						7,18	5,61	6,92	6,29
26/4/21	7.68						8,21	5,51	7,41	6,74	28/4/21	10,38							8,39	7,48	8,36	7,77	1/5/21	6,24						7,23	5,55	7,31	6,29
26/4/21	7.79						8,23	5,20	7,43	6,77	28/4/21	10,21							8,33	7,68	8,34	7,85	1/5/21	6,23						7,30	5,31	7,68	6,07
26/4/21	7.91						7,99	6,05	8,90	6,87	28/4/21	9,69							8,15	8,02	8,43	7,81	1/5/21	6,00						7,13	5,18	8,35	5,05
26/4/21	7.98						7,81	6,77	9,79	6,71	28/4/21	9,08							7,94	8,19	8,36	7,72	1/5/21	6,22						7,28	4,91	9,15	4,88
26/4/21	8.01						7,74	6,27	9,71	6,79	29/4/21	8,64							8,17	8,29	8,31	7,19	1/5/21	6,05						7,55	4,60	9,94	5,93
26/4/21	7.96						7,74	5,86	9,45	6,72	29/4/21	8,03							8,29	8,15	8,30	7,06	1/5/21	6,27						7,60	5,54	9,70	6,19
26/4/21	7.98						7,74	6,31	9,54	6,59	29/4/21	8,02							8,19	8,06	8,23	6,84	1/5/21	6,88						7,59	5,82	9,20	6,38
26/4/21	8.06						7,81	6,58	9,56	6,33	29/4/21	9,70							8,00	7,74	8,19	7,46	1/5/21	7,17						7,74	5,32	8,49	6,11
26/4/21	8.10						8,27	6,53	9,04	6,01	29/4/21	9,39							7,83	6,99	7,96	7,42	1/5/21	7,72						7,96	5,15	7,09	6,19
26/4/21	8.09						8,42	6,07	9,04	4,97	29/4/21	8,68							7,84	7,21		7,43	1/5/21	8,06						8,13	5,85	6,48	6,36
26/4/21	7.93						8,36	5,80	9,02	5,29	29/4/21	7,90							7,82	6,92	7,10	7,52	1/5/21	8,35						8,16	5,75	6,41	6,47
26/4/21	8.04						8,34	5,71	8,77	5,94	29/4/21	7,53							7,69	7,59	6,79	7,40	1/5/21	9,50						7,94	5,63	6,41	6,58
26/4/21	8.15						8,64	7,89	8,46	6,17	29/4/21	7,32							7,55	7,61	6,67	7,37	1/5/21	8,32						7,92	5,74	6,28	6,51
26/4/21	7.82						8,58	7,88	7,95	6,55	29/4/21	7,25							7,52	7,27	6,73	7,34	1/5/21	8,74						7,93	5,80	6,29	6,39
26/4/21	7.77						8,49	7,56	7,76	6,80	29/4/21	7,17							7,41	6,87	7,09	7,35	1/5/21	8,93						7,78	5,89	6,42	5,98
26/4/21	7.66						8,39	7,41	7,84	6,85	29/4/21	7,09							7,35	6,35	7,57	7,47	1/5/21	8,94						7,86	5,82	6,48	6,11
26/4/21	7.44						8,32	7,13	7,66	6,92	29/4/21	7,11							7,32	5,93	7,68	7,44	1/5/21	8,91						7,71	6,05	6,86	5,90
26/4/21	7.37						8,17	7,05	7,60	6,89	29/4/21	6,70							7,24	5,65	7,52	7,53	1/5/21	8,63						7,75	5,82	7,35	6,18
26/4/21	7.45						8,06	6,64	7,77	6,89	29/4/21	7,03							7,21	5,83	7,33	6,63	1/5/21	8,48						7,91	5,00	7,40	5,94
26/4/21	7.31						7,98	6,94	7,76	7,00	29/4/21	6,36							7,26	5,91	7,42	5,90	1/5/21	8,36						8,47	4,62	7,13	6,30
26/4/21	7.31						7,82	7,28	7,97	6,91	29/4/21	6,89							7,38	5,62	7,60	6,83	1/5/21	8,29						8,67	5,09	7,08	5,99
26/4/21	7.23						7,95	7,08	7,94	6,62	29/4/21	6,84							7,53	5,42	7,67	7,10	1/5/21	8,38						8,55	4,26	7,19	6,18
26/4/21	7.72						7,99	7,17	7,85	6,19	29/4/21	7,08							7,50	5,56	7,41	7,14	1/5/21	8,28						8,22	4,98	7,27	5,74
26/4/21	7.85						7,95	7,20	7,92	6,46	29/4/21	7,42							7,69	5,81	7,31	7,12	1/5/21	8,50						8,10	4,31	7,14	6,25
26/4/21	7.75						7,95	6,67	7,81	6,48	29/4/21	7																					

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9		ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9		ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9
3/5/21	7.05						7.09	5.59	5.28	6.72	5/5/21	9.31						7.83	5.58	10.22	6.08	7/5/21	8.17						7.73	6.89	6.95	6.63
3/5/21	6.75						7.11	5.82	5.23	6.82	5/5/21	9.11						7.78	5.59	9.49	6.78	8/5/21	8.02						7.67	6.87	7.02	6.66
3/5/21	6.74						7.04	5.83	5.07	7.09	5/5/21	8.95						7.74	6.75	8.48	7.14	8/5/21	7.97						7.57	6.91	6.69	6.29
3/5/21	6.79						6.75	5.25	5.35	7.14	5/5/21	8.55						8.03	6.43	7.60	7.48	8/5/21	7.89						7.55	6.69	6.56	6.43
3/5/21	7.03						6.75	5.12	5.61	7.09	5/5/21	8.70						8.47	6.01	7.12	7.51	8/5/21	7.65						7.51	6.78	6.44	6.60
3/5/21	7.13						6.83	5.30	5.95	7.04	5/5/21	8.76						8.53	6.98	6.87	7.62	8/5/21	7.59						7.38	6.63	6.34	6.37
3/5/21	7.08						6.90	5.01	6.43	7.11	5/5/21	8.88						8.39	5.66	6.63	7.65	8/5/21	7.44						7.32	6.47	6.52	6.61
3/5/21	7.28						7.04	5.80	7.07	7.10	5/5/21	8.72						8.24	6.08	6.68	7.69	8/5/21	7.18						7.18	6.02	6.73	6.35
3/5/21	7.33						7.28	6.71	7.74	7.00	5/5/21	8.55						8.23	6.38	6.70	7.64	8/5/21	7.06						7.20	5.61	6.63	6.28
3/5/21	7.59						7.28	6.85	8.45	6.74	5/5/21	8.41						8.20	6.37	6.80	7.65	8/5/21	7.12						7.36	5.10	6.64	6.26
3/5/21	7.69						7.29	6.09	9.30	6.52	5/5/21	8.33						8.41	6.48	6.88	7.33	8/5/21	6.76						7.33	5.19	6.62	5.92
3/5/21	7.89						7.52	5.09	10.27	6.57	5/5/21	7.90						8.11	6.37	7.01	6.95	8/5/21	7.22						7.38	5.30	6.47	5.32
3/5/21	8.17						7.86	6.38	11.25	6.13	5/5/21	7.96						7.90	6.81	7.17	6.72	8/5/21	7.42						7.47	5.13	6.22	5.17
3/5/21	8.13						8.10	6.58	12.50	5.91	5/5/21	7.65						8.05	6.67	7.40	6.63	8/5/21	7.45						7.63	5.12	6.16	5.68
3/5/21	8.28						8.43	6.91	12.93	5.53	5/5/21	7.80						8.01	6.63	7.53	6.59	8/5/21	7.41						7.64	5.85	6.18	5.75
3/5/21	8.23						8.68	8.31	11.45	5.81	5/5/21	8.09						7.82	6.12	7.51	6.57	8/5/21	7.45						7.60	5.99	6.35	6.65
3/5/21	8.45						8.72	9.03	10.61	5.56	5/5/21	8.10						7.56	6.61	7.44	6.45	8/5/21	7.35						7.68	6.07	6.51	6.69
3/5/21	8.50						8.44	8.40	10.20	5.49	5/5/21	7.87						7.67	6.38	7.33	6.07	8/5/21	7.60						7.77	6.37	6.54	6.81
3/5/21	8.70						8.59	7.50	9.04	6.81	5/5/21	7.50						7.59	6.71	6.79	6.83	8/5/21	7.94						7.82	6.34	6.49	6.30
3/5/21	9.77						8.95	6.30	7.97	7.08	5/5/21	7.39						7.50	7.04	6.40	7.15	8/5/21	7.81						7.91	6.36	5.58	6.17
3/5/21	10.94						8.79	6.18	7.41	7.32	6/5/21	7.06						7.53	6.88	5.94	7.46	8/5/21	7.87						7.97	6.40	6.64	5.96
3/5/21	11.42						8.66	6.34	7.05	6.84	6/5/21	6.79						7.56	6.71	5.57	7.54	8/5/21	7.42						8.20	6.11	6.72	5.25
3/5/21	11.15						8.65	6.45	6.80	6.84	6/5/21	6.86						7.59	6.62	5.50	7.57	8/5/21	7.51						8.31	5.81	6.84	6.50
3/5/21	10.76						8.58	6.41	6.54	6.51	6/5/21	6.74						7.57	6.68	5.55	7.48	8/5/21	7.74						8.24	5.73	6.83	6.85
3/5/21	10.54						8.42	6.66	6.48	6.77	6/5/21	6.42						7.30	6.13	5.68	7.10	8/5/21	8.03						8.43	5.53	7.09	7.38
3/5/21	10.47						8.28	6.92	6.41	7.20	6/5/21	6.27						7.25	5.83	5.91	7.04	8/5/21	7.95						8.55	5.66	9.69	7.37
3/5/21	10.62						8.26	7.16	6.36	7.15	6/5/21	6.18						7.08	5.74	6.21	6.89	8/5/21	8.45						8.45	6.40	12.61	7.23
3/5/21	10.73						8.13	7.01	6.38	6.65	6/5/21	6.32						6.96	5.51	6.34	6.73	8/5/21	8.62						8.51	6.74	12.82	7.25
3/5/21	10.80						8.11	6.95	6.42	6.61	6/5/21	6.57						7.00	5.33	6.39	6.30	8/5/21	8.78						8.51	6.93	12.34	7.18
3/5/21	10.49						8.22	6.84	6.52	6.44	6/5/21	6.90						6.98	5.57	6.27	6.14	8/5/21	9.36						8.56	6.52	11.96	7.36
3/5/21	10.31						8.47	6.73	6.48	6.75	6/5/21	6.80						6.96	5.59	6.11	6.88	8/5/21	9.42						8.40	6.48	11.67	7.09
3/5/21	10.84						8.64	6.64	6.79	6.78	6/5/21	6.54						7.03	5.26	6.21	6.92	8/5/21	9.16						8.35	6.88	11.98	6.39
3/5/21	10.88						8.64	6.57	6.93	6.45	6/5/21	6.40						7.07	5.46	6.33	6.90	8/5/21	10.25						8.41	6.33	12.13	6.11
3/5/21	10.99						8.61	6.10	6.96	5.94	6/5/21	6.44						6.87	5.77	6.43	6.19	8/5/21	9.98						8.53	6.17	11.86	6.36
3/5/21	9.00						8.34	6.76	6.99	6.59	6/5/21	6.78						7.21	5.73	6.50	5.94	8/5/21	10.47						9.35	6.76	11.41	6.21
3/5/21	9.57						8.09	6.92	6.73	6.65	6/5/21	7.02						7.44	6.02	6.47	5.75	8/5/21	10.34						8.93	7.38	10.44	7.11
3/5/21	9.07						8.42	7.30	6.33	6.85	6/5/21	7.13						7.56	6.04	6.41	5.78	8/5/21	10.44						9.00	7.78	9.43	7.66
3/5/21	8.91						7.73	7.57	5.67	7.23	6/5/21	7.08						7.65	6.11	6.50	6.88	8/5/21	11.01						9.98	7.48	8.74	8.01
3/5/21	8.56						7.64	7.77	5.06	7.26	6/5/21	6.94						7.74	6.15	6.55	6.94	8/5/21	10.98						9.85	7.55	8.45	7.77
4/5/21	8.38						7.98	6.69	4.83	7.39	6/5/21	6.83						7.77	6.21	6.61	6.77	8/5/21	10.76						9.30	7.51	7.94	7.44
4/5/21	8.29						8.08	6.06	4.99	7.53	6/5/21	6.93						7.87	6.29	7.23	6.29	8/5/21	10.66						8.80	7.32	7.62	7.27
4/5/21	8.21						7.97	5.64	5.47	7.41	6/5/21	6.92						7.98	6.35	8.86	6.71	8/5/21	10.27						8.64	7.38	7.51	6.88
4/5/21	8.14						7.87	4.72	5.96	7.76	6/5/21	6.97						8.10	6.24	9.63	7.10	8/5/21	9.89						8.61	7.47	7.41	6.98
4/5/21	7.96						7.80	4.90	6.06	7.21	6/5/21	7.03						8.17	6.69	9.61	7.04	8/5/21	9.43						8.42	7.66	7.45	6.65
4/5/21	7.94						7.72	4.85	5.94	6.94	6/5/21	7.02						8.35	6.71	8.89	6.87	8/5/21	9.13						8.34	7.65	7.50	6.37
4/5/21	7.71						7.55	4.82	5.80	7.08	6/5/21	7.21						8.47	7.09	8.52	6.77	8/5/21	9.13						8.43	7.58	7.54	6.58
4/5/21	7.67						7.45	6.05	5.52	6.40	6/5/21	7.32						8.53	7.18	8.68	7.15	8/5/21	9.53						8.57	7.53	7.47	6.56
4/5/21	7.51						7.36	7.27	5.40	6.52	6/5/21	7.38						8.60	7.74	8.86	6.88	8/5/21	10.08						8.88	7.43	7.33	7.41
4/5/21	7.54						7.24	5.30	5.87	6.46	6/5/21	7.53						8.72	7.49	9.13	6.34	8/5/21	10.01						9.26	6.22	6.74	7.55
4/5/21	7.55						7.25	4.56	6.05	5.92	6/5/21	7.63						8.92	7.36	9.83	6.40	9/5/21	9.67						9.46	6.77	6.08	7.49
4/5/21	7.75						7.27	4.25	5.94	5.48	6/5/21	7.72						9.43	7.79	9.41</												

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	
10/5/21	6,74						8,02	5,84	6,94	7,21	12/5/21	8,20							8,10	5,77	9,07	6,23	15/5/21	6,69						6,73	4,93	5,76	6,40
10/5/21	6,89						8,10	6,10	6,81	7,11	12/5/21	8,33							7,93	5,92	8,43	5,77	15/5/21	6,58						6,69	4,44	5,80	6,22
10/5/21	7,54						8,15	5,99	6,65	6,75	12/5/21	7,88							7,80	6,10	7,70	6,01	15/5/21	6,34						6,65	3,60	5,59	5,90
10/5/21	8,14						8,28	5,79	6,68	6,25	12/5/21	7,69							8,26	5,48	7,07	6,01	15/5/21	6,25						6,69	2,92	6,05	6,74
10/5/21	8,29						8,37	6,04	6,80	6,24	12/5/21	8,35							8,20	5,27	6,87	5,96	15/5/21	6,14						6,77	2,83	6,01	5,56
10/5/21	8,22						8,42	5,78	7,00	6,21	12/5/21	8,48							7,99	5,13	6,70	5,76	15/5/21	6,02						6,83	3,59	5,84	5,73
10/5/21	8,66						8,51	5,74	7,62	6,65	12/5/21	8,13							7,87	5,71	6,74	5,78	15/5/21	5,83						6,82	3,79	5,91	5,61
10/5/21	8,38						8,81	5,60	7,75	6,96	12/5/21	7,89							7,72	5,83	6,93	6,02	15/5/21	5,98						6,69	3,72	6,32	5,62
10/5/21	8,38						8,73	5,46	8,54	7,12	12/5/21	7,71							7,66	5,45	7,15	5,73	15/5/21	6,11						6,92	3,83	6,88	4,66
10/5/21	8,50						8,78	6,07	10,66	7,29	12/5/21	7,32							7,18	5,60	7,21	5,42	15/5/21	6,61						7,06	3,51	7,71	4,87
10/5/21	9,62						8,71	6,66	11,25	7,25	12/5/21	7,91							7,15	5,88	7,29	5,17	15/5/21	6,79						7,08	2,92	7,46	5,25
10/5/21	9,88						8,53	7,27	11,26	7,26	13/5/21	8,03							7,44	5,77	7,29	5,54	15/5/21	7,18						7,20	3,44	6,55	5,22
10/5/21	10,44						8,67	6,24	11,32	7,31	13/5/21	8,12							7,79	5,62	7,16	5,15	15/5/21	7,15						7,40	3,84	6,10	5,31
10/5/21	10,42						8,75	5,63	11,31	7,31	13/5/21	7,75							7,71	5,06	7,12	6,38	15/5/21	7,23						7,56	3,79	5,55	5,80
10/5/21	10,94						8,78	5,90	11,78	7,47	13/5/21	8,26							7,56	6,02	6,56	6,39	15/5/21	7,19						7,39	4,00	5,36	6,12
10/5/21	9,82						8,87	6,07	11,82	6,71	13/5/21	7,96							7,42	5,54	5,76	6,47	15/5/21	7,75						7,47	4,24	5,60	6,31
10/5/21	9,40						8,93	5,61	11,87	6,84	13/5/21	7,45							7,45	5,46	5,47	6,44	15/5/21	8,30						7,59	4,61	5,65	6,49
10/5/21	9,83						8,88	5,56	11,48	6,09	13/5/21	7,15							7,29	5,53	5,45	6,36	15/5/21	8,80						7,77	4,79	5,64	6,53
10/5/21	9,66						8,94	6,53	10,75	6,65	13/5/21	6,76							7,24	5,20	5,44	6,31	15/5/21	9,29						7,91	4,57	5,68	6,65
10/5/21	9,83						10,00	7,10	10,34	7,01	13/5/21	6,76							7,16	5,55	5,70	6,27	15/5/21	9,25						8,13	5,27	5,76	6,56
10/5/21	9,60						9,34	7,25	9,53	6,90	13/5/21	6,59							7,11	5,54	5,80	6,69	15/5/21	9,22						8,15	5,29	5,99	6,36
10/5/21	9,50						9,31	7,02	8,90	7,39	13/5/21	6,23							7,03	4,48	5,76	6,73	15/5/21	9,21						8,06	5,57	6,37	5,72
10/5/21	9,49						8,73	6,96	8,36	7,57	13/5/21	6,40							6,99	4,40	5,88	6,54	15/5/21	8,94						8,01	5,55	6,85	5,62
10/5/21	9,52						8,62	6,70	7,92	7,03	13/5/21	6,59							6,83	4,47	5,96	6,21	15/5/21	8,94						7,97	5,08	7,22	5,60
10/5/21	9,50						8,47	6,36	7,96	7,01	13/5/21	6,91							6,98	5,18	6,10	6,32	15/5/21	8,87						7,88	4,80	7,39	6,09
10/5/21	10,17						8,20	6,71	7,84	6,72	13/5/21	6,93							7,08	4,81	6,59	5,60	15/5/21	8,66						7,82	4,55	7,50	5,56
10/5/21	9,74						7,97	6,75	7,83	6,88	13/5/21	6,88							7,23	5,24	7,38	4,86	15/5/21	8,78						7,78	4,66	7,97	5,43
10/5/21	9,97						7,87	6,60	7,80	6,11	13/5/21	7,42							7,19	4,81	8,16	5,38	15/5/21	8,26						7,85	4,74	8,51	5,68
10/5/21	10,03						7,86	6,76	7,69	6,46	13/5/21	7,90							7,21	4,41	7,60	5,95	15/5/21	8,78						7,94	4,81	8,53	5,29
10/5/21	9,79						7,96	6,79	7,53	6,68	13/5/21	8,00							7,38	5,01	6,62	6,25	15/5/21	8,73						7,84	4,72	8,55	6,62
11/5/21	9,61						7,97	6,14	7,51	6,71	13/5/21	7,89							7,51	4,74	6,00	6,37	15/5/21	8,99						7,90	5,36	8,39	5,81
11/5/21	8,65						8,18	5,81	7,12	6,76	13/5/21	7,85							7,47	4,88	5,64	6,47	15/5/21	8,68						8,01	5,84	8,01	5,20
11/5/21	8,25						8,27	5,99	6,45	6,82	13/5/21	7,83							7,55	4,89	5,79	6,36	15/5/21	8,98						7,89	5,94	7,42	5,49
11/5/21	8,04						8,00	6,25	5,98	6,98	13/5/21	8,71							7,48	5,09	5,66	6,38	15/5/21	9,06						7,70	5,08	6,92	5,80
11/5/21	7,27						7,84	6,96	5,83	6,91	13/5/21	8,40							7,74	5,11	5,67	6,39	15/5/21	8,51						7,57	4,83	6,62	5,04
11/5/21	7,14						7,73	6,63	5,86	6,85	13/5/21	8,52							7,95	5,18	5,78	6,32	15/5/21	8,47						7,50	5,64	7,42	5,16
11/5/21	7,06						7,61	6,52	6,26	6,67	13/5/21	8,77							7,86	5,07	5,88	6,09	15/5/21	8,22						7,40	5,46	7,74	5,32
11/5/21	7,70						7,70	6,04	6,69	6,47	13/5/21	8,70							7,95	5,08	5,96	5,72	15/5/21	7,55						7,34	5,37	7,55	5,26
11/5/21	7,81						7,46	5,35	6,88	6,31	13/5/21	9,11							7,99	5,30	6,02	5,65	15/5/21	7,29						7,37	5,57	7,41	5,50
11/5/21	7,53						7,18	4,84	6,73	5,96	13/5/21	9,29							8,15	5,36	6,28	5,39	15/5/21	6,68						7,38	5,58	7,48	5,11
11/5/21	7,31						7,37	4,54	6,62	5,80	13/5/21	9,19							8,05	5,07	6,50	5,34	16/5/21	7,01						7,48	5,60	7,54	5,88
11/5/21	6,72						7,53	5,22	6,26	5,06	13/5/21	9,22							7,90	4,39	6,33	6,33	16/5/21	6,94						7,43	5,71	7,55	5,95
11/5/21	7,36						7,37	4,91	6,28	4,30	13/5/21	9,68							8,09	5,24	7,82	6,36	16/5/21	7,09						7,18	5,77	7,58	5,40
11/5/21	7,44						7,30	4,98	6,59	5,27	13/5/21	9,67							8,28	5,58	9,71	6,28	16/5/21	6,95						7,09	5,27	7,26	5,53
11/5/21	6,81						7,43	4,15	6,58	5,77	13/5/21	9,37							8,22	6,51	10,02	6,40	16/5/21	7,57						7,12	4,21	6,48	6,40
11/5/21	6,37						7,53	4,45	6,47	5,91	13/5/21	9,04							8,29	7,49	9,43	6,37	16/5/21	7,84						7,11	4,61	5,45	6,69
11/5/21	6,37						7,63	4,71	6,38	6,20	13/5/21	8,45							8,41	7,56	8,20	5,69	16/5/21	7,79						7,12	5,02	5,25	6,65
11/5/21	6,61						7,69	4,91	6,15	6,43	13/5/21	8,51							8,00	7,11	7,06	6,48	16/5/21	6,75						7,08	5,62	5,60	6,70
11/5/21	6,35						7,74	5,49	6,04	6,51	13/5/21	8,83							7,89	6,01	7,03	6,51	16/5/21	6,									

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	
17/5/21	9.16						7.54	4.99	5.73	5.52	19/5/21	6.93							7.94	6.27	4.75	5.78	22/5/21	6.94						6.32	5.06	5.86	5.31
17/5/21	9.31						7.81	4.60	5.79	5.58	19/5/21	6.47							7.74	5.58	4.73	5.63	22/5/21	7.29						6.45	4.73	5.72	5.44
17/5/21	9.45						7.73	4.51	6.06	5.34	20/5/21	6.60							7.13	4.79	4.63	4.94	22/5/21	7.09						6.61	3.98	5.85	5.47
17/5/21	9.63						7.53	4.74	6.26	5.21	20/5/21	6.58							6.91	4.57	4.57	5.50	22/5/21	7.07						6.73	3.68	6.50	6.47
17/5/21	9.96						7.63	4.97	7.08	5.64	20/5/21	6.44							6.92	4.84	4.86	5.68	22/5/21	6.97						6.88	3.76	7.09	6.40
17/5/21	9.45						7.60	4.72	6.62	6.15	20/5/21	6.09							7.09	4.54	5.16	5.49	22/5/21	6.86						6.85	3.58	7.49	6.56
17/5/21	9.05						7.77	4.50	6.46	5.55	20/5/21	5.63							6.97	4.63	5.16	5.22	22/5/21	6.48						6.96	3.70	8.07	6.52
17/5/21	8.86						7.63	5.62	6.99	6.24	20/5/21	6.79							6.99	4.28	5.00	4.99	22/5/21	5.81						6.97	4.81	8.38	6.73
17/5/21	8.58						7.66	5.13	8.14	6.49	20/5/21	5.31							7.19	4.59	4.74	4.52	22/5/21	5.50						7.15	5.09	8.22	6.60
17/5/21	8.24						7.47	5.71	8.84	6.74	20/5/21	5.08							7.24	5.39	4.64	5.02	22/5/21	6.12						7.12	5.45	8.33	6.38
17/5/21	8.00						7.56	5.51	8.64	6.68	20/5/21	4.95							7.10	5.21	4.74	5.18	22/5/21	6.75						7.06	5.95	8.53	6.32
17/5/21	7.98						7.66	5.78	8.61	6.49	20/5/21	4.64							6.99	4.72	4.34	5.02	22/5/21	7.48						7.19	6.07	8.45	5.60
17/5/21	8.08						7.58	5.03	9.22	6.29	20/5/21	6.13							7.08	3.97	3.32	5.47	22/5/21	7.92						7.30	5.65	8.12	5.61
17/5/21	7.94						7.74	5.23	9.20	6.26	20/5/21	6.35							7.17	3.61	2.89	5.11	22/5/21	7.75						7.41	6.54	7.92	6.20
17/5/21	8.52						7.57	5.95	8.68	5.48	20/5/21	6.75							7.29	3.46	3.17	5.21	22/5/21	8.31						7.49	7.89	8.01	6.65
17/5/21	8.54						7.49	5.69	8.37	5.52	20/5/21	6.33							7.08	3.33	3.67	4.74	22/5/21	8.79						7.43	7.13	7.98	6.65
17/5/21	7.79						7.45	5.66	8.07	4.64	20/5/21	6.19							6.86	3.24	4.87	5.10	22/5/21	8.78						7.62	6.08	7.41	6.58
17/5/21	7.29						7.18	5.70	8.07	4.67	20/5/21	6.05							6.68	3.06	5.90	4.44	22/5/21	8.58						7.57	5.50	6.97	6.69
17/5/21	7.54						7.19	4.57	8.38	4.69	20/5/21	6.90							6.94	2.94	6.56	4.81	22/5/21	8.50						7.42	5.50	6.76	6.78
17/5/21	7.41						7.32	3.86	7.99	5.69	20/5/21	6.54							7.13	2.92	7.32	5.56	22/5/21	8.51						7.25	5.36	6.42	7.19
17/5/21	6.59						7.32	3.54	7.60	5.75	20/5/21	6.24							7.20	3.43	8.54	5.55	22/5/21	8.37						7.19	5.90	6.20	7.44
18/5/21	7.42						7.43	3.77	7.39	5.75	20/5/21	6.76							7.41	4.26	9.76	5.85	22/5/21	8.19						7.13	6.10	6.26	7.29
18/5/21	8.11						7.53	5.06	7.19	5.68	20/5/21	7.69							7.64	4.78	10.75	6.41	22/5/21	7.96						6.91	6.45	6.48	7.15
18/5/21	8.11						7.46	5.33	6.97	5.35	20/5/21	8.12							7.81	4.95	11.70	6.43	22/5/21	7.47						6.76	6.67	6.73	6.78
18/5/21	7.60						7.43	4.96	6.98	4.56	20/5/21	8.26							8.08	5.01	12.56	6.34	22/5/21	7.35						6.78	7.27	6.93	6.33
18/5/21	7.18						7.23	5.07	6.83	5.36	20/5/21	9.43							8.26	6.63	13.60	6.08	22/5/21	7.19						6.93	7.20	6.86	5.97
18/5/21	6.66						7.25	5.18	6.63	5.84	20/5/21	9.45							8.08	7.34	14.82	5.18	22/5/21	7.87						7.02	6.91	6.87	5.94
18/5/21	6.51						7.27	5.47	5.45	5.81	20/5/21	9.77							8.24	6.78	14.78	4.92	22/5/21	8.19						7.16	6.45	7.04	6.01
18/5/21	6.57						6.71	5.17	4.73	5.33	20/5/21	9.38							8.08	6.71	13.53	4.75	22/5/21	8.22						7.16	5.94	7.26	6.03
18/5/21	6.79						6.82	5.54	4.68	5.42	20/5/21	10.64							8.06	5.99	11.58	5.00	22/5/21	7.13						7.05	5.55	6.55	6.72
18/5/21	6.67						7.04	5.84	4.69	5.85	20/5/21	11.21							7.77	5.28	10.83	5.75	22/5/21	5.86						6.96	6.22	6.25	6.81
18/5/21	6.66						7.10	5.68	4.69	5.52	20/5/21	10.32							8.41	6.55	10.60	6.15	23/5/21	4.82						6.97	6.16	5.50	6.84
18/5/21	6.73						6.90	5.68	4.85	5.21	20/5/21	9.90							8.54	8.61	10.15	6.18	23/5/21	4.63						7.06	6.36	5.28	6.85
18/5/21	6.86						6.73	5.61	5.15	5.22	20/5/21	10.72							8.35	7.91	8.76	6.90	23/5/21	5.39						7.04	6.79	5.07	6.82
18/5/21	7.07						6.53	5.26	5.62	5.88	20/5/21	10.88							8.65	5.94	7.84	7.26	23/5/21	5.56						6.84	6.58	5.25	6.90
18/5/21	7.06						6.49	5.05	6.05	6.10	20/5/21	10.85							9.36	5.27	7.62	7.53	23/5/21	5.74						6.70	6.22	5.60	6.79
18/5/21	7.31						6.61	4.98	6.62	6.13	20/5/21	10.89							10.03	5.90	7.27	7.85	23/5/21	5.96						6.69	5.86	5.87	6.44
18/5/21								4.46	7.62	5.92	20/5/21	10.67							9.20	6.06	6.80	7.89	23/5/21	6.18						6.65	5.40	5.92	6.74
18/5/21	7.42						6.71	4.25	8.65	5.78	20/5/21	10.32							8.65	6.68	6.51	7.12	23/5/21	6.02						6.43	5.22	5.98	6.39
18/5/21	7.95						7.03	4.57	9.40	5.77	20/5/21	9.87							8.81	6.76	6.22	7.11	23/5/21	5.88						6.55	5.14	5.79	6.26
18/5/21	8.13						7.09	4.53	10.17	5.85	20/5/21	9.98							9.30	6.38	6.09	7.04	23/5/21	5.67						6.51	5.29	5.56	6.09
18/5/21	8.09						7.23	4.47	10.59	5.89	20/5/21	9.54							9.87	6.04	6.18	6.55	23/5/21	6.09						6.47	5.30	5.23	5.65
18/5/21	8.09						7.08	4.43	9.82	5.10	20/5/21	9.12							8.93	5.96	6.38	6.12	23/5/21	6.33						6.49	5.17	4.97	5.52
18/5/21	7.40						7.17	5.28	9.36	5.19	20/5/21	8.91							8.00	5.62	6.55	5.85	23/5/21	6.74						6.48	5.34	4.87	5.85
18/5/21	7.60						7.65	6.73	9.16	5.14	20/5/21	8.71							8.14	4.84	6.71	6.27	23/5/21	6.72						6.25	4.95	5.28	5.86
18/5/21	8.57						8.00	5.29	9.10	6.24	20/5/21	8.59							8.44	4.64	6.63	6.89	23/5/21	6.43						6.44	5.07	5.65	5.77
18/5/21	8.98						8.17	4.67	8.16	6.48	20/5/21	8.38							8.76	4.56	6.19	7.02	23/5/21	6.53						6.51	5.19	5.81	6.07
18/5/21	9.61						8.13	3.99	7.46	6.02	20/5/21	8.58							8.74	4.38	5.22	6.96	23/5/21	6.64						6.70	5.34	5.81	6.38
18/5/21	9.98						8.17	4.73	7.03	6.00	20/5/21	8.02							8.24	5.30	4.64	6.89	23/5/21	6.72									

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	
	ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9		ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9		ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9	
24/5/21	6.70						7.38	6.17	6.56	6.38	27/5/21	7.26							7.54	5.75	7.04	5.98	29/5/21	9.04						7.76	5.36	5.84	5.70
24/5/21	6.76						7.29	5.84	6.46	6.59	27/5/21	7.03							7.34	5.46	7.35	5.62	29/5/21	8.83						7.69	5.27	5.76	5.59
24/5/21	6.84						7.15	6.22	6.23	6.45	27/5/21	6.94							7.19	4.93	6.99	6.45	29/5/21	8.45						7.78	5.54	5.99	5.16
24/5/21	6.94						7.07	6.01	6.48	6.23	27/5/21	6.49							6.91	5.59	6.84	5.85	29/5/21	8.61						7.84	5.48	5.94	4.86
24/5/21	6.93						6.98	5.87	6.68	6.23	27/5/21	5.78							6.63	5.37	6.63	5.01	29/5/21	7.99						8.26	5.46	6.01	4.65
24/5/21	7.05						6.94	6.10	6.97	5.60	27/5/21	6.63							6.60	5.54	6.83	4.90	29/5/21	7.66						8.38	4.87	6.20	5.23
24/5/21	6.74						6.94	6.32	7.18	5.49	27/5/21	6.71							7.06	4.92	7.12	4.89	29/5/21	7.38						8.39	4.98	6.30	5.04
24/5/21	6.65						6.91	6.46	7.33	5.45	27/5/21	6.82							7.13	4.59	7.81	5.03	29/5/21	8.41						8.35	4.22	6.43	5.09
24/5/21	6.48						6.78	6.43	7.28	4.92	27/5/21	6.94							7.38	4.59	7.80	4.98	29/5/21	8.63						8.52	4.97	7.33	4.93
24/5/21	6.82						6.71	6.08	7.26	6.04	27/5/21	7.06							7.78	4.69	7.29	4.91	29/5/21	7.90						8.50	4.45	8.56	6.22
24/5/21	6.64						7.03	6.04	7.23	5.70	27/5/21	7.46							7.68	4.45	7.11	5.58	29/5/21	6.83						8.13	4.67	9.25	6.55
24/5/21	6.76						6.73	5.86	7.01	6.03	27/5/21	7.85							7.45	4.53	6.87	5.53	29/5/21	5.67						8.27	6.84	9.04	6.33
25/5/21	6.89						7.13	5.84	6.48	6.20	27/5/21	7.53							7.34	4.50	6.66	6.44	29/5/21	6.25						8.30	8.09	8.45	5.24
25/5/21	6.79						7.26	5.81	6.05	6.22	27/5/21	7.85							7.42	4.68	6.53	6.12	29/5/21	6.04						8.50	7.21	7.80	5.44
25/5/21	6.67						7.12	5.54	5.76	6.23	27/5/21	8.05							7.75	4.90	6.58	6.56	29/5/21	5.99						7.96	8.13	7.31	5.14
25/5/21	6.63						6.93	5.73	5.69	6.55	27/5/21	8.69							7.66	5.44	6.47	6.61	29/5/21	6.29						7.62	6.99	7.01	5.67
25/5/21	6.35						6.94	5.89	5.60	6.22	27/5/21	9.20							7.77	5.94	6.53	6.34	29/5/21	7.10						7.52	7.43	7.47	6.33
25/5/21	6.25						6.98	5.68	5.67	6.17	27/5/21	9.24							7.87	6.03	6.76	5.03	29/5/21	7.89						7.83	7.08	7.41	6.42
25/5/21	6.33						6.80	5.86	5.86	6.16	27/5/21	10.82							7.87	5.97	6.60	5.80	29/5/21	7.21						7.92	6.58	7.00	5.25
25/5/21	6.33						6.86	5.40	6.04	6.13	27/5/21	10.33							8.01	6.12	6.44	6.35	29/5/21	6.53						7.68	5.92	6.75	5.65
25/5/21	6.19						6.75	5.32	6.01	6.12	27/5/21	10.66							8.16	5.97	6.54	5.38	29/5/21	6.58						7.64	5.86	6.78	5.28
25/5/21	6.31						6.74	5.24	5.87	6.09	27/5/21	9.62							8.15	5.11	6.81	5.07	29/5/21	7.14						7.53	4.73	6.92	5.09
25/5/21	6.23						6.95	5.36	5.75	5.15	27/5/21	10.11							8.17	4.78	6.82	5.26	30/5/21	7.34						7.32	4.53	6.85	4.62
25/5/21	6.18						6.90	5.45	5.93	5.20	27/5/21	10.03							7.99	5.12	8.22	4.59	30/5/21	7.69						7.09	5.99	6.91	4.60
25/5/21	6.26						6.92	5.38	6.36	4.98	27/5/21	9.71							8.15	5.63	9.76	5.50	30/5/21	8.18						7.06	5.76	7.05	4.48
25/5/21	6.26						6.98	5.22	6.67	4.99	27/5/21	9.88							8.12	6.79	10.89	5.60	30/5/21	7.54						6.85	5.86	7.09	5.49
25/5/21	6.38						7.03	4.73	6.34	5.72	27/5/21	9.70							8.30	7.07	11.20	5.46	30/5/21	7.78						6.93	5.91	6.79	5.63
25/5/21	6.81						7.10	4.74	6.08	5.34	27/5/21	9.56							8.38	7.89	10.63	5.93	30/5/21	8.21						6.85	4.83	5.69	5.86
25/5/21	7.03						7.21	5.13	5.96	6.21	27/5/21	9.99							8.00	7.51	9.44	5.61	30/5/21	8.36						6.82	4.22	5.12	5.21
25/5/21	6.93						7.28	5.45	5.78	6.23	27/5/21	9.71							7.89	6.17	8.19	5.80	30/5/21	8.22						6.82	5.61	4.97	5.77
25/5/21	7.08						7.36	5.30	5.79	6.30	27/5/21	9.40							8.17	5.70	7.42	5.98	30/5/21	7.72						6.65	6.48	4.90	5.84
25/5/21	7.19						7.45	4.99	5.86	6.35	27/5/21	9.06							7.96	6.39	7.26	5.85	30/5/21	7.63						6.64	6.19	5.28	5.95
25/5/21	6.92						7.41	4.87	5.89	6.49	27/5/21	9.59							8.18	7.22	7.34	6.24	30/5/21	7.62						6.60	5.78	5.48	6.06
25/5/21	7.59						7.50	4.97	5.89	6.50	27/5/21	9.84							8.27	7.38	7.94	5.89	30/5/21	7.49						6.48	5.21	5.37	5.96
25/5/21	7.59						7.58	5.57	6.03	6.47	27/5/21	9.43							8.24	7.23	8.08	5.74	30/5/21	6.97						6.28	4.26	5.68	5.30
25/5/21	6.94						7.70	5.66	5.95	5.57	27/5/21	9.05							8.17	6.85	7.90	6.32	30/5/21	6.66						6.43	5.14	6.18	4.67
25/5/21	6.82						7.62	5.24	6.03	5.37	27/5/21	8.31							7.97	6.58	7.75	5.93	30/5/21	6.57						6.38	5.26	6.62	5.22
25/5/21	7.38						7.59	5.20	5.99	6.51	27/5/21	8.17							7.76	6.67	7.29	6.04	30/5/21	7.03						6.47	5.59	7.46	4.38
25/5/21	7.55						7.77	5.13	7.25	5.36	27/5/21	7.87							7.67	6.75	7.34	6.67	30/5/21	7.04						6.81	5.49	8.49	4.40
25/5/21	7.89						7.84	5.51	8.67	6.16	27/5/21	8.15							7.57	7.10	7.26	6.32	30/5/21	6.84						6.90	5.36	9.58	4.46
25/5/21	8.24						8.03	6.62	9.61	6.26	27/5/21	8.33							7.31	6.69	7.16	5.68	30/5/21	7.29						7.36	5.40	8.99	4.37
25/5/21	8.65						8.18	7.19	10.38	6.13	28/5/21	7.77							7.04	6.20	7.21	5.53	30/5/21	7.58						7.85	5.78	8.05	5.12
25/5/21	8.75						8.21	7.45	11.08	6.20	28/5/21	8.05							7.29	7.07	7.08	5.12	30/5/21	7.75						8.26	5.28	7.85	5.30
25/5/21	8.87						8.27	6.69	11.14	5.75	28/5/21	8.54							7.47	6.35	6.88	4.83	30/5/21	8.35						8.18	5.48	7.80	5.57
25/5/21	9.09						8.20	6.35	11.03	5.55	28/5/21	9.13							7.46	5.58	6.22	5.75	30/5/21	8.54						7.78	6.32	7.71	5.42
25/5/21	8.78						8.16	6.39	10.96	5.77	28/5/21	8.11							7.37	5.07	5.66	5.87	30/5/21	8.93						7.55	6.28	6.75	5.45
25/5/21	8.41						8.06	6.43	10.48	6.07	28/5/21	7.67							7.23	5.19	5.81	6.15	30/5/21	9.58						7.31	5.44	6.11	5.35
25/5/21	8.53						8.04	5.88	10.33	6.75	28/5/21	7.61							7.25	6.27	5.65	6.44	30/5/21	9.13						7.32	5.09	5.99	5.94
25/5/21	8.37						8.10	6.43	10.26	7.00	28/5/21	7.61							7.17	6.05	5.69	6.42	30/5/21	9.91						7.15	5.23	5.89	6.40
25/5/21	8.64						8.15	6.95</																									

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	
31/5/21	9.34						8.34	5.04	6.33	4.98	3/6/21	6.48						6.45	4.50	5.80	4.65	5/6/21	8.53							8.79	4.34	5.70	5.73
31/5/21	9.46						8.02	4.75	6.15	5.04	3/6/21	6.99						6.38	3.95	6.30	4.65	5/6/21	7.88							8.53	4.33	5.89	5.33
31/5/21	7.47						7.83	4.26	6.29	5.04	3/6/21	6.79						6.60	4.38	6.32	5.70	5/6/21	8.05							8.22	4.41	6.12	5.24
1/6/21	6.88						7.47	4.56	6.29	4.99	3/6/21	7.07						6.37	3.41	7.11	5.85	5/6/21	7.23							7.97	5.08	6.33	6.19
1/6/21	6.97						7.10	5.44	6.51	4.84	3/6/21	7.76						6.63	3.65	8.03	6.19	5/6/21	6.73							7.59	5.05	6.61	6.43
1/6/21	7.01						6.95	4.60	6.51	4.95	3/6/21	8.05						7.05	5.08	9.03	6.35	5/6/21	6.91							7.56	4.90	6.98	5.60
1/6/21	7.16						7.05	4.61	6.46	4.51	3/6/21	8.26						7.64	4.81	10.11	6.38	5/6/21	7.36							7.07	4.65	7.00	5.37
1/6/21	7.70						7.13	4.69	6.42	4.34	3/6/21	8.07						8.08	4.84	10.91	5.53	5/6/21	7.93							7.15	4.63	7.20	5.04
1/6/21	8.60						7.22	4.89	6.21	4.66	3/6/21	8.28						7.83	5.29	11.79	4.78	5/6/21	8.23							7.21	4.47	7.36	4.50
1/6/21	9.33						7.35	4.35	5.70	4.66	3/6/21	9.24						7.69	5.60	11.35	4.52	5/6/21	8.29							7.01	3.80	6.43	4.72
1/6/21	7.65						7.72	4.27	5.03	4.53	3/6/21	10.05						7.87	6.01	10.70	4.82	5/6/21	8.15							6.57	2.78	5.33	6.47
1/6/21	6.78						7.98	4.13	3.95	5.60	3/6/21	10.52						8.20	6.34	10.14	5.18	5/6/21	7.55							6.55	3.19	4.75	6.43
1/6/21	6.23						7.92	4.68	3.74	5.74	3/6/21	11.60						8.70	6.19	9.90	5.67	5/6/21	7.43							6.54	3.58	4.47	6.60
1/6/21	5.91						7.28	3.86	3.66	6.67	3/6/21	9.80						8.68	8.66	9.50	5.84	6/6/21	7.45							6.91	6.65	4.08	6.51
1/6/21	5.70						6.72	3.07	4.19	7.00	3/6/21	10.48						8.08	9.27	8.70	4.82	6/6/21	7.06							6.93	6.66	4.27	6.22
1/6/21	5.70						6.27	4.60	5.19	5.93	3/6/21	11.51						8.49	7.32	7.82	5.88	6/6/21	7.13							6.94	5.82	4.74	6.41
1/6/21	5.49						6.24	4.01	6.27	5.35	3/6/21	11.50						9.03	6.03	7.03	6.50	6/6/21	6.35							6.74	5.30	4.96	6.15
1/6/21	5.66						6.26	3.55	7.23	5.73	3/6/21	11.86						8.79	5.63	6.39	6.53	6/6/21	6.19							6.42	4.74	4.93	6.04
1/6/21	4.78						6.55	3.46	8.21	5.72	3/6/21	12.21						8.37	5.86	6.03	6.68	6/6/21	5.98							6.27	4.14	4.94	6.16
1/6/21	5.18						6.33	3.42	8.92	5.72	3/6/21	11.63						8.89	5.64	5.72	6.61	6/6/21	5.63							6.15	3.88	4.67	6.01
1/6/21	6.30						6.44	5.08	9.85	4.84	3/6/21	12.03						9.48	5.69	5.67	6.34	6/6/21	5.19							6.28	3.21	4.54	5.35
1/6/21	6.38						6.64	5.41	10.41	4.58	3/6/21	11.33						8.93	5.76	5.80	5.83	6/6/21	5.23							5.49	4.26	4.20	4.64
1/6/21	6.66						6.86	5.33	9.73	4.74	3/6/21	10.27						8.55	5.14	5.81	5.95	6/6/21	5.51							5.47	4.71	3.77	4.08
1/6/21	6.62						7.30	5.04	8.88	5.05	3/6/21	10.01						8.02	5.08	5.85	5.40	6/6/21	5.19							5.84	5.10	3.19	5.11
1/6/21	7.41						7.43	4.89	8.33	4.94	3/6/21	10.85						8.00	4.92	6.14	5.26	6/6/21	5.31							5.77	3.08	3.30	5.11
1/6/21	8.38						7.54	6.32	8.01	4.95	3/6/21	11.18						8.02	4.48	6.40	5.83	6/6/21	4.44							5.63	2.39	3.42	5.23
1/6/21	8.85						8.01	6.17	7.91	5.08	3/6/21	10.64						8.01	3.76	6.59	6.58	6/6/21	5.20							5.45	4.07	3.80	5.11
1/6/21	8.93						8.65	5.85	7.05	5.43	3/6/21	10.38						6.89	3.34	6.16	6.54	6/6/21	5.02							5.50	4.13	4.49	4.55
1/6/21	9.00						8.59	5.36	6.34	4.92	3/6/21	9.76						6.46	5.30	4.65	6.43	6/6/21	4.44							5.51	4.19	4.49	4.69
1/6/21	8.23						8.30	4.54	5.86	5.80	3/6/21	9.45						6.20	4.19	4.14	6.48	6/6/21	4.77							5.73	4.45	5.16	4.75
1/6/21	8.60						8.17	4.57	5.64	6.03	3/6/21	8.11						6.73	5.47	4.76	6.31	6/6/21	4.59							6.14	4.20	5.13	5.01
1/6/21	10.02						8.33	4.26	5.47	6.15	3/6/21	8.38						6.96	7.37	5.17	6.27	6/6/21	5.34							6.35	4.18	5.10	5.38
1/6/21	10.76						8.84	4.82	5.34	6.42	4/6/21	8.03						6.62	7.22	5.03	6.30	6/6/21	5.52							6.62	3.80	4.77	5.29
1/6/21	10.56						9.62	4.96	5.27	5.76	4/6/21	8.53						6.27	7.87	4.99	6.20	6/6/21	6.10							6.64	3.36	5.05	5.05
1/6/21	10.74						9.72	4.88	5.33	5.42	4/6/21	7.35						6.35	6.87	5.66	5.89	6/6/21	5.62							6.70	3.79	5.11	4.89
1/6/21	10.95						9.84	4.79	5.52	5.29	4/6/21	6.35						6.13	7.07	6.19	5.82	6/6/21	6.82							6.68	3.21	4.84	4.25
1/6/21	10.83						9.91	4.65	5.82	5.11	4/6/21	5.71						6.52	6.01	6.03	5.52	6/6/21	7.81							6.90	4.10	5.61	4.68
1/6/21	10.78						9.82	4.46	6.00	5.24	4/6/21	5.19						6.54	5.34	5.50	4.80	6/6/21	7.34							7.19	4.03	7.68	4.42
1/6/21	10.56						9.54	4.73	6.05	5.09	4/6/21	6.44						6.92	4.42	5.04	4.16	6/6/21	7.10							7.31	3.03	8.59	5.25
1/6/21	10.92						8.63	5.23	6.11	5.28	4/6/21	6.36						7.16	3.40	4.58	4.77	6/6/21	7.96							7.51	5.99	10.01	5.16
1/6/21	10.61						8.18	5.29	6.13	5.40	4/6/21	6.53						7.26	3.66	4.89	4.57	6/6/21	5.14							7.74	5.85	10.65	5.28
1/6/21	10.37						8.44	4.19	6.06	4.98	4/6/21	5.95						7.24	4.01	5.07	4.99	6/6/21	5.81							8.02	5.22	11.22	5.13
1/6/21	9.56						9.09	4.69	6.02	6.03	4/6/21	6.44						7.13	4.42	5.26	5.30	6/6/21	6.60							8.23	4.03	11.37	5.30
1/6/21	9.06						9.15	5.58	5.94	6.02	4/6/21	5.92						6.64	4.68	5.55	4.54	6/6/21	7.20							8.34	4.20	10.38	5.38
1/6/21	9.30						8.55	5.53	6.43	6.09	4/6/21	5.85						6.61	5.00	5.48	4.36	6/6/21	6.90							8.25	4.55	10.14	5.76
1/6/21	8.90						7.81	5.34	7.07	5.87	4/6/21	6.54						6.44	4.88	5.43	4.29	6/6/21	7.04							8.46	4.66	8.73	6.42
1/6/21	8.86						7.50	7.16	7.08	5.52	4/6/21	5.95						5.98	4.57	5.23	4.05	6/6/21	7.37							8.59	4.89	7.43	5.65
1/6/21	7.96						7.20	7.68	6.55	5.87	4/6/21	6.81						5.91	4.14	5.17	3.77	6/6/21	7.24							8.30	3.75	6.18	5.43
1/6/21	7.81						6.93	7.74	6.24	4.87	4/6/21	7.29						6.42	3.95	4.88	3.14	6/6/21	7.42							8.16	4.55	5.56	5.62
1/6/21	8.39						6.52	5.50</																									

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l
8/6/21	5.99						6.82	5.43	5.02	5.69	10/6/21	6.78							4.30	5.89	3.79	12/6/21	7.83							4.62	5.99	4.35
8/6/21	4.30						5.98	4.99	4.76	5.74	10/6/21	7.56							4.05	6.41	5.22	12/6/21	7.96							6.18	6.46	4.73
8/6/21	4.26						5.71	4.62	4.46	5.86	10/6/21	8.03							3.40	6.59	5.07	12/6/21	7.56							6.53	6.38	4.69
8/6/21	2.90						6.15	4.42	4.09	5.16	10/6/21	7.53							3.35	6.25	5.22	12/6/21	7.61							6.53	6.12	4.20
8/6/21	3.63						6.23	4.52	3.93	4.32	10/6/21	8.68							3.45	8.68	5.41	13/6/21	7.78							6.25	6.39	3.82
8/6/21	4.71						6.08	4.45	3.89	3.93	10/6/21	9.25							4.41	9.11	5.54	13/6/21	7.91							5.76	6.35	3.32
8/6/21	4.91						5.92	3.64	4.36	4.42	10/6/21	8.68							6.69	9.13	5.93	13/6/21	7.91							4.88	6.19	3.98
8/6/21	5.66						6.03	2.74	4.27	5.23	10/6/21	8.62							7.36	8.83	6.16	13/6/21	8.11							3.96	5.89	4.93
8/6/21	5.49						6.24	2.64	4.00	5.31	10/6/21	8.67							7.13	8.20	6.34	13/6/21	7.49							2.94	5.07	5.27
8/6/21	5.56						6.22	3.53	4.28	5.28	10/6/21	8.86							6.43	7.90	5.99	13/6/21	7.00							3.90	4.42	5.50
8/6/21	6.99						6.27	3.79	4.66	5.30	10/6/21	9.63							5.51	7.63	5.43	13/6/21	6.25							3.86	3.97	5.27
8/6/21	6.50						6.47	4.28	4.87	5.40	10/6/21	8.68							7.31	7.49	5.44	13/6/21	6.42							4.55	3.76	5.39
8/6/21	6.50						5.93	4.33	4.92	5.52	10/6/21	8.39							6.39	7.61	4.99	13/6/21	6.64							4.54	3.69	5.38
8/6/21	6.41						6.17	4.45	4.85	5.54	10/6/21	8.28							7.43	7.60	5.53	13/6/21	6.44							4.62	3.89	5.34
8/6/21	6.59						6.63	4.38	4.93	5.50	10/6/21	7.96							6.61	7.29	4.97	13/6/21	6.45							4.15	4.02	5.37
8/6/21	6.86						6.62	4.42	5.15	5.47	10/6/21	7.77							5.81	7.06	5.20	13/6/21	6.02							3.78	4.04	5.50
8/6/21	7.42						6.80	4.66	5.14	4.43	10/6/21	7.42							6.06	6.91	4.63	13/6/21	5.69							3.73	4.17	5.63
8/6/21	7.68						6.78	4.57	5.36	3.95	10/6/21	6.92							5.81	6.94	4.63	13/6/21	5.46							3.26	4.43	5.51
8/6/21	8.97						6.89	3.87	5.80	5.16	10/6/21	5.76							5.82	7.16	4.88	13/6/21	5.02							4.04	4.75	5.18
8/6/21	9.50						7.08	4.01	6.23	5.49	10/6/21	4.76							5.80	7.57	5.05	13/6/21	5.83							4.40	5.17	4.57
8/6/21	9.61						7.21	4.49	6.67	5.71	10/6/21	5.94							5.43	7.48	5.11	13/6/21	6.13							4.86	5.74	3.98
8/6/21	9.49						7.23	2.81	8.13	5.98	10/6/21	7.65							5.08	7.22	5.04	13/6/21	6.60							4.74	6.41	4.37
8/6/21	9.28						7.53	4.55	9.40	6.32	10/6/21	8.44							5.26	6.84	4.08	13/6/21	5.88							4.08	6.10	5.15
8/6/21	8.81						7.79	6.49	9.83	6.31	11/6/21	8.54							5.08	6.62	3.96	13/6/21	5.39							4.87	5.55	4.42
8/6/21	9.16						7.42	7.05	9.72	6.50	11/6/21	8.49							5.03	6.23	4.50	13/6/21	5.58							4.53	5.36	3.97
8/6/21	8.30						7.47	7.53	9.68	6.70	11/6/21	7.88							4.50	5.58	4.91	13/6/21	5.72							4.29	4.71	4.93
8/6/21	9.41						7.82	7.27	9.59	6.17	11/6/21	7.34							4.94	4.76	5.17	13/6/21	6.10							4.11	4.24	5.35
8/6/21	8.48						7.98	7.78	9.85	5.15	11/6/21	6.84							5.21	4.63	5.54	13/6/21	7.14							4.29	4.34	5.44
8/6/21	8.18						8.17	7.73	9.64	5.80	11/6/21	6.32							5.32	4.50	5.37	13/6/21	7.94							4.09	4.39	5.53
8/6/21	9.36						8.52	8.49	9.38	5.45	11/6/21	5.80							5.08	4.54	5.22	13/6/21	7.57							3.77	4.19	5.21
8/6/21	8.97						8.85	8.08	9.03	6.62	11/6/21	5.68							5.26	4.68	5.50	13/6/21	7.44							3.94	4.27	4.91
8/6/21	10.19						9.60	7.08	8.06	5.82	11/6/21	5.56							4.57	4.45	5.34	13/6/21	7.39							4.10	4.24	4.46
8/6/21	10.31						9.50	6.09	7.54	6.00	11/6/21	4.83							3.83	4.30	5.57	13/6/21	7.69							4.00	4.40	4.17
8/6/21	9.51						6.85	5.56	7.14	5.72	11/6/21	4.58							3.47	4.18	5.48	13/6/21	7.51							4.32	4.69	3.72
8/6/21	9.18						7.71	5.40	6.96	5.72	11/6/21	3.97							3.63	4.43	5.34	13/6/21	6.64							4.01	5.38	4.22
8/6/21	8.49						8.69	4.83	7.11	6.03	11/6/21	4.53							3.53	4.32	5.39	13/6/21	6.01							3.87	5.38	5.90
8/6/21	7.37						8.64	5.61	7.65	5.17	11/6/21	5.23							3.31	4.13	5.03	13/6/21	6.30							3.73	5.58	5.78
8/6/21	6.43						7.60	5.24	7.79	5.86	11/6/21	5.50							3.47	4.00	4.73	13/6/21	6.51							6.20	6.67	5.98
8/6/21	8.47						7.20	4.81	7.19	4.74	11/6/21	5.69							2.81	3.84	5.07	13/6/21	6.16							7.00	7.22	5.97
8/6/21	9.78						7.64	5.08	7.04	4.88	11/6/21	5.86							3.12	3.41	5.17	13/6/21	6.30							5.50	7.56	6.22
8/6/21	9.81						7.42	5.07	6.87	4.33	11/6/21	5.61							3.70	3.88	5.18	13/6/21	6.92							4.47	7.28	5.34
8/6/21	9.52						7.46	4.95	6.45	5.82	11/6/21	6.25							3.61	4.41	5.13	13/6/21	7.58							4.12	7.02	5.36
8/6/21	8.92						8.25	4.96	5.19	5.54	11/6/21	6.13							4.16	4.64	5.15	13/6/21	7.79							4.31	7.12	5.36
9/6/21	7.83						7.41	4.70	6.25	11/6/21	5.82								4.12	4.63	5.21	13/6/21	7.10							4.37	7.16	5.51
9/6/21	7.26						7.01	4.76	6.58	11/6/21	5.95								4.29	4.64	5.31	13/6/21	7.20							4.92	7.57	5.26
9/6/21	6.98						6.26	4.97	6.87	11/6/21	5.83								3.86	4.66	5.31	13/6/21	7.60							6.03	6.73	5.21
9/6/21	6.61						6.42	5.31	6.69	11/6/21	6.73								3.79	4.68	4.97	13/6/21	7.66							6.40	6.28	5.10
9/6/21	6.41						5.90	5.40	6.52	11/6/21	7.20								3.82	4.84	4.54	13/6/21	6.76							5.13	6.03	5.00
9/6/21	6.69						5.62	4.87	5.81	11/6/21	7.45								4.21	5.02	4.00	13/6/21	5.34							4.58	5.85	4.87
9/6/21	6.50						4.64	4.67	5.85	11/6/21	6.51								4.18	5.09	3.66	13/6/21	5.25							4.73	6.07	4.83
9/6/21	6.69						4.59	4.52	6.04	11/6/21	6.38								3.86	5.72	5.10	13/6/21	5.86							4.09	5.79	4.90
9/6/21	6.17						4.38	4.34	5.50	11/6/21	7.42								3.41	5.67	5.01	13/6/21	6.53							4.39	5.98	4.79
9/6/21	5.24						4.14	4.01																								

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	
15/6/21	6.00							4.29	5.40	5.80	17/6/21	9.59								4.86	4.21	4.50	20/6/21	3.71							1.93	3.89	5.89
15/6/21	5.93							5.25	6.22	5.59	17/6/21	9.16								4.69	4.74	4.40	20/6/21	4.56							2.27	3.47	4.59
15/6/21	6.30							5.99	6.86	4.84	17/6/21	9.60								3.55	5.10	3.81	20/6/21	4.22							1.44	2.92	4.96
15/6/21	6.35							5.84	7.44	5.16	17/6/21	9.56								2.96	5.23	5.03	20/6/21	4.62							3.31	2.07	4.26
15/6/21	6.61							4.27	7.83	5.20	17/6/21	8.85								2.53	5.41	5.60	20/6/21	4.25							2.92	1.58	4.45
15/6/21	6.44							3.63	7.15	5.41	17/6/21	9.06								2.21	4.69	5.42	20/6/21	4.01							3.04	2.28	4.28
15/6/21	6.63							5.25	6.33	5.43	17/6/21	8.97								2.26	4.29	5.48	20/6/21	4.34							2.43	3.38	3.89
15/6/21	7.03							6.76	6.08	5.06	17/6/21	8.60								2.77	4.07	5.54	20/6/21	4.10							2.57	3.55	3.75
15/6/21	7.17							6.07	5.38	5.13	17/6/21	7.97								3.58	3.78	5.46	20/6/21	4.51							3.18	3.23	3.34
15/6/21	8.17							5.68	4.72	4.95	17/6/21	7.65								4.06	3.84	5.53	20/6/21	3.88							3.29	3.27	3.28
15/6/21	8.39							4.99	4.37	5.31	17/6/21	6.97								4.38	4.23	4.65	20/6/21	5.85							3.41	3.10	3.81
15/6/21	9.15							5.11	4.05	5.28	17/6/21	7.62								3.60	4.16	4.24	20/6/21	5.52							3.13	2.91	3.97
15/6/21	7.97							4.40	3.78	5.36	17/6/21	6.97								4.39	3.87	3.98	20/6/21	5.06							3.25	2.78	3.73
15/6/21	7.50							4.48	3.84	5.28	17/6/21	6.17								2.97	3.47	4.32	20/6/21	4.88							3.13	2.57	3.42
15/6/21	7.28							4.30	3.95	4.45	18/6/21	4.83								1.37	3.54	4.01	20/6/21	4.85							3.12	2.47	3.38
15/6/21	7.58							4.39	3.88	4.75	18/6/21	3.79								0.62	3.22	3.60	20/6/21	5.18							3.90	3.93	3.01
15/6/21	7.59							4.51	4.05	4.30	18/6/21	6.88								1.74	3.15	3.62	20/6/21	5.28							3.73	4.70	4.30
15/6/21	8.00							4.16	4.52	4.19	18/6/21	6.57								1.12	3.48	3.73	20/6/21	5.02							3.59	4.74	5.00
15/6/21	8.02							3.53	5.18	4.47	18/6/21	7.04								1.57	3.68	3.29	20/6/21	5.58							2.86	4.95	5.87
15/6/21	8.34							3.52	5.49	6.80	18/6/21	7.04								0.86	3.56	2.85	20/6/21	5.65							5.01	5.30	6.26
15/6/21	8.69							4.18	5.50	6.97	18/6/21	6.54								1.12	3.56	2.76	20/6/21	5.36							6.15	5.54	5.98
15/6/21	8.11							4.46	5.63	6.63	18/6/21	6.57								4.58	3.48	2.11	20/6/21	5.92							6.14	6.05	5.54
15/6/21	7.78							5.05	5.85	6.19	18/6/21	6.17								2.68	2.21	2.73	20/6/21	5.73							4.99	6.03	5.06
15/6/21	8.12							5.94	5.94	5.87	18/6/21	5.43								3.60	1.24	3.59	20/6/21	6.36							2.98	5.89	5.82
15/6/21	8.21							4.13	5.52	5.89	18/6/21	4.90								3.58	1.26	4.85	20/6/21	7.86							7.29	6.05	5.81
15/6/21	8.07							3.98	5.11	5.29	18/6/21	5.27								3.40	1.47	4.79	20/6/21	7.69							6.90	4.43	5.76
15/6/21	7.78							2.29	4.79	5.05	18/6/21	4.57								3.33	1.80	4.80	20/6/21	8.72							4.24	4.10	5.17
15/6/21	7.46							1.75	4.43	4.41	18/6/21	4.19								3.04	2.37	4.51	20/6/21	8.44							3.90	3.73	5.26
15/6/21	7.38							2.36	4.68	4.13	18/6/21	4.28								1.80	2.92	4.46	20/6/21	9.22							4.66	3.49	5.51
15/6/21	6.71							2.54	5.30	4.38	18/6/21	4.19								1.61	3.33	4.22	20/6/21	8.94							4.53	3.42	5.64
15/6/21	6.04							2.43	5.56	4.90	18/6/21	4.79								1.58	3.95	4.41	20/6/21	8.98							4.41	3.63	5.46
15/6/21	5.62							4.20	5.13	4.54	18/6/21	5.08								1.45	4.36	4.90	20/6/21	7.88							4.50	4.08	4.46
15/6/21	5.20							5.09	5.02	4.63	18/6/21	5.16								2.16	4.95	4.88	20/6/21	8.34							5.17	4.08	4.30
16/6/21	4.98							4.72	4.97	4.68	18/6/21	4.52								2.16	5.38	5.10	20/6/21	7.96							5.74	4.53	4.35
16/6/21	5.96							4.45	5.11	5.18	18/6/21	5.27								2.38	5.54	4.93	20/6/21	7.70							5.57	5.28	5.08
16/6/21	6.02							4.42	5.19	4.81	18/6/21	5.27								2.49	5.60	4.89	20/6/21	7.65							5.58	5.37	4.59
16/6/21	6.55							4.44	5.06	4.61	18/6/21	6.02								2.16	5.97	4.62	20/6/21	7.61							4.91	5.64	4.30
16/6/21	6.81							3.64	4.87	4.31	18/6/21	5.32								1.52	5.85	4.64	20/6/21	7.71							3.64	5.82	5.30
16/6/21	5.97							3.71	4.46	4.29	18/6/21	5.69								2.48	5.20	4.42	20/6/21	8.06							2.79	5.13	5.73
16/6/21	6.38							3.71	3.89	3.87	18/6/21	6.65								2.89	5.19	4.83	20/6/21	8.13							2.51	4.34	5.52
16/6/21	6.28							3.98	2.92	5.09	18/6/21	7.28								3.75	5.71	5.10	20/6/21	7.39							2.83	3.77	5.82
16/6/21	6.03							4.43	2.46	5.29	18/6/21	8.74								5.02	5.13	5.09	20/6/21	6.67							3.19	3.58	5.82
16/6/21	5.72							3.26	2.39	5.66	18/6/21	9.59								4.32	4.67	4.50	20/6/21	6.59							2.53	3.15	4.29
16/6/21	5.50							4.18	2.38	5.15	18/6/21	9.04								3.44	4.17	4.57	21/6/21	6.41							3.26	3.02	4.45
16/6/21	5.21							4.92	2.68	4.81	18/6/21	9.90								3.90	3.76	4.39	21/6/21	6.55							3.28	2.51	3.74
16/6/21	4.92							4.70	3.26	4.60	18/6/21	10.26								4.54	3.39	3.59	21/6/21	6.37							5.27	2.54	4.00
16/6/21	4.82							4.36	4.09	4.75	18/6/21	10.95								4.43	3.27	4.65	21/6/21	6.10							4.92	3.17	4.38
16/6/21	4.46							3.41	4.60	5.42	18/6/21	10.85								4.43	3.71	5.05	21/6/21	5.56							4.49	3.48	4.33
16/6/21	4.65							3.23	5.27	5.50	18/6/21	10.12								4.46	3.82	4.34	21/6/21	5.19							3.41	3.41	4.01
16/6/21	4.59							3.22	5.77	5.69	18/6/21	10.06								4.87	4.06	4.91	21/6/21	4.67							2.71	3.38	3.29
16/6/21	5.41							3.96	6.28	5.55	18/6/21	10.59								4.84	4.46	4.90	21/6/21	3.68							2.50	3.20	2.64
16/6/21	5.68							5.63	6.72	5.24	18/6/21	10.27								4.80	5.22	4.72	21/6/21	4.58							2.09	2.86	1.93
16/6/21																																	

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	
22/6/21	5.36							2.16	3.70	4.30	24/6/21	5.73							5.59	6.27	6.14	27/6/21	4.49								4.19	4.59	4.91
22/6/21	5.79							1.94	3.63	4.57	24/6/21	5.14							5.43	6.00	5.75	27/6/21	5.09								4.82	5.15	4.78
22/6/21	6.21							3.52	5.08	5.47	24/6/21	5.29							5.35	5.74	5.43	27/6/21	5.58								4.22	5.45	5.64
22/6/21	6.94							4.83	6.02	5.36	24/6/21	5.35							5.19	5.92	5.03	27/6/21	5.37								4.42	5.58	5.09
22/6/21	7.75							3.77	6.09	5.31	24/6/21	5.77							4.84	5.82	5.52	27/6/21	6.38								4.73	5.99	5.36
22/6/21	7.71							4.55	6.37	6.07	25/6/21	5.55							4.39	5.65	5.35	27/6/21	6.80								3.89	5.46	5.84
22/6/21	7.70							6.08	6.26	5.03	25/6/21	5.54							3.34	5.37	5.26	27/6/21	6.68								5.20	5.08	5.28
22/6/21	8.50							4.48	6.21	5.15	25/6/21	5.23							4.09	4.59	5.34	27/6/21	7.34								5.09	5.18	5.03
22/6/21	9.13							3.81	5.81	4.42	25/6/21	4.84							3.45	4.07	5.44	27/6/21	7.05								3.85	4.59	5.68
22/6/21	9.06							4.46	5.91	4.84	25/6/21	5.56							3.34	4.00	5.41	27/6/21	7.03								3.76	4.17	6.27
22/6/21	8.94							5.80	5.90	6.78	25/6/21	5.64							4.09	3.85	5.41	27/6/21	7.23								4.12	3.98	6.65
22/6/21	8.73							7.87	5.36	6.46	25/6/21	5.32							4.25	3.60	5.63	27/6/21	7.31								4.34	4.02	6.69
22/6/21	7.66							7.37	5.08	5.94	25/6/21	4.92							3.91	3.69	5.50	27/6/21	8.11								4.09	4.20	6.70
22/6/21	7.18							5.84	5.13	5.59	25/6/21	4.82							3.70	3.88	5.51	27/6/21	7.63								4.06	4.04	6.69
22/6/21	6.73							5.67	5.01	5.78	25/6/21	4.01							2.83	3.88	5.64	27/6/21	9.82								3.99	4.21	7.00
22/6/21	6.99							6.44	5.02	5.93	25/6/21	4.13							2.33	3.53	5.62	27/6/21	10.08								3.89	4.64	6.85
22/6/21	6.31							6.36	5.42	6.18	25/6/21	4.54							2.01	3.65	5.53	27/6/21	10.99								6.49	5.35	6.01
22/6/21	6.14							5.61	5.46	6.06	25/6/21	4.96							3.42	3.89	5.11	27/6/21	10.38								8.23	5.96	6.68
22/6/21	5.39							5.15	5.67	5.18	25/6/21	5.13							4.31	4.08	5.08	27/6/21	10.22								6.43	6.12	7.13
22/6/21	6.05							4.76	6.14	4.56	25/6/21	4.92							5.02	4.47	5.33	27/6/21	9.77								4.70	6.25	7.39
22/6/21	6.78							4.42	5.49	4.21	25/6/21	4.58							5.09	4.58	5.04	27/6/21	9.33								4.84	6.88	7.38
22/6/21	6.84							3.37	5.91	5.39	25/6/21	4.96							5.05	4.64	4.74	27/6/21	8.70								5.30	7.01	7.56
22/6/21	7.01							2.60	5.15	5.67	25/6/21	4.57							4.09	4.19	4.71	27/6/21	8.57								5.07	6.88	7.63
22/6/21	6.70							3.29	4.74	5.76	25/6/21	5.97							4.90	3.94	4.17	27/6/21	8.79								5.32	6.42	7.46
23/6/21	6.15							3.75	4.13	5.69	25/6/21	6.63							4.50	3.85	4.84	27/6/21	8.56								6.39	5.94	7.01
23/6/21	5.51							2.30	3.98	5.48	25/6/21	6.75							4.11	3.25	5.41	27/6/21	8.59								5.45	5.54	6.22
23/6/21	6.11							2.45	3.41	5.23	25/6/21	6.85							3.99	3.52	5.89	27/6/21	8.73								5.21	5.30	4.68
23/6/21	6.30							3.91	3.38	5.01	25/6/21	7.13							3.99	3.93	6.04	27/6/21	8.37								4.53	5.26	5.88
23/6/21	6.04							4.76	3.24	4.96	25/6/21	7.56							3.74	3.57	6.23	27/6/21	7.91								4.93	5.56	6.85
23/6/21	5.89							4.56	3.41	5.14	25/6/21	7.08							3.25	4.09	6.29	27/6/21	7.40								5.37	5.88	6.99
23/6/21	5.57							4.38	3.45	5.08	25/6/21	7.46							3.67	3.93	6.18	27/6/21	7.84								4.40	6.27	6.91
23/6/21	5.14							2.61	3.23	4.74	25/6/21	8.03							3.97	3.92	6.00	27/6/21	7.44								4.90	6.39	6.88
23/6/21	4.13							2.27	3.19	4.49	25/6/21	9.29							4.86	3.76	5.20	27/6/21	6.64								4.93	6.20	6.89
23/6/21	3.36							2.39	3.11	3.71	25/6/21	8.16							6.05	4.24	7.10	27/6/21	6.06								4.56	6.44	6.68
23/6/21	3.33							2.71	3.11	3.03	25/6/21	8.70							4.86	4.14	6.58	28/6/21	7.40								3.91	6.41	6.41
23/6/21	3.47							2.38	2.65	3.40	25/6/21	8.50							4.59	5.16	6.17	28/6/21	8.33								4.21	6.11	6.46
23/6/21	4.30							2.37	2.71	3.94	25/6/21	7.99							4.77	5.15	6.42	28/6/21	8.05								4.11	5.85	5.39
23/6/21	4.40							3.02	2.48	4.28	25/6/21	8.59							4.87	5.88	6.15	28/6/21	7.89								3.72	6.08	4.28
23/6/21	4.43							3.33	2.77	4.47	25/6/21	8.58							4.60	6.14	6.32	28/6/21	7.96								3.95	5.78	5.51
23/6/21	4.28							2.91	2.93	4.33	25/6/21	8.95							3.47	6.52	6.48	28/6/21	7.80								3.69	4.98	5.63
23/6/21	4.15							3.15	2.97	4.47	25/6/21	8.19							3.24	6.10	6.19	28/6/21	7.84								3.61	4.08	6.32
23/6/21	4.22							2.97	3.25	4.67	25/6/21	7.75							3.73	5.91	6.36	28/6/21	6.44								3.20	4.23	6.39
23/6/21	3.97							3.48	3.47	4.77	25/6/21	7.74							3.28	6.25	6.57	28/6/21	4.55								3.90	3.75	6.04
23/6/21	4.28							3.54	3.50	4.80	25/6/21	7.47							4.19	6.25	6.89	28/6/21	4.80								4.04	3.59	5.80
23/6/21	4.37							3.12	3.48	4.92	25/6/21	7.09							7.70	6.08	6.89	28/6/21	5.12								4.32	3.64	5.72
23/6/21	4.98							3.67	3.43	4.80	25/6/21	6.18							6.98	5.48	6.68	28/6/21	5.05								3.35	3.82	5.75
23/6/21	5.56							3.42	3.54	4.47	25/6/21	5.72							5.71	5.35	6.20	28/6/21	4.62								3.44	3.97	5.77
23/6/21	6.11							3.45	3.78	3.88	25/6/21	5.67							4.99	5.49	6.41	28/6/21	5.11								3.23	4.30	5.71
23/6/21	6.33							3.00	4.23	3.79	25/6/21	5.45							6.42	5.33	6.30	28/6/21	5.25								4.09	4.69	5.41
23/6/21	7.02							1.99	4.25	4.42	25/6/21	5.24							6.22	5.71	6.40	28/6/21	4.58								4.41	4.84	4.97
23/6/21	7.13							1.92	4.50	4.78	25/6/21	4.84							5.73	5.56	6.10	28/6/21	5.95								5.10	4.86	6.42
23/6/21	6.74							3.34	5.52	5.28	25/6/21	4.23							5.43	5.48	5.31	28/6/21	5.24								5.66	5.34	5.75
23/6/21																																	

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l
29/6/21	10.26							7.17	6.77	6.21	2/7/21	4.87							3.35	2.91	4.76	4/7/21	6.87							5.03	4.35	6.88
29/6/21	10.13							4.30	6.53	6.88	2/7/21	4.69							3.40	3.02	4.65	4/7/21	7.04							5.45	4.58	7.30
29/6/21	9.50							3.39	6.78	7.64	2/7/21	3.77							3.78	3.12	4.67	4/7/21	6.98							5.35	5.13	7.46
29/6/21	9.48							2.83	6.63	7.45	2/7/21	3.93							4.24	2.92	4.91	4/7/21	7.66							6.17	5.33	6.99
29/6/21	9.47							4.47	5.94	7.35	2/7/21	4.40							4.18	2.62	4.74	4/7/21	7.34							6.57	5.67	7.05
29/6/21	8.93							6.98	6.16	7.35	2/7/21	4.23							3.72	2.40	4.71	4/7/21	7.89							5.32	4.89	7.25
29/6/21	7.88							6.06	5.87	6.67	2/7/21	4.40							3.10	1.62	5.39	4/7/21	7.96							3.90	4.21	6.08
29/6/21	6.75							5.11	5.40	6.66	2/7/21	3.55							2.77	1.99	5.18	4/7/21	9.13							4.25	4.03	6.25
29/6/21	6.32							5.13	5.05	6.22	2/7/21	3.73							2.94	2.32	5.02	4/7/21	8.47							4.25	4.04	5.58
29/6/21	6.09							4.38	4.62	5.85	2/7/21	4.10							1.73	2.26	5.46	4/7/21	7.86							4.11	4.16	5.43
29/6/21	5.20							3.83	4.38	5.17	2/7/21	3.56							1.18	2.36	5.62	4/7/21	6.67							4.06	4.32	5.77
29/6/21	5.81							3.78	4.09	4.76	2/7/21	3.97							1.48	3.25	5.82	4/7/21	5.98							4.39	4.69	5.65
29/6/21	5.58							3.66	3.67	4.39	2/7/21	4.09							1.66	3.80	5.81	4/7/21	6.51							4.07	5.00	5.27
29/6/21	4.87							4.74	3.27	5.57	2/7/21	3.98							1.23	4.59	6.29	4/7/21	6.27							4.45	5.10	5.43
29/6/21	5.63							5.31	3.28	5.86	2/7/21	5.09							1.12	5.57	6.30	4/7/21	6.59							4.18	5.22	6.21
30/6/21	4.85							5.14	3.65	5.68	2/7/21	5.33							1.61	6.12	6.53	4/7/21	6.24							3.28	5.43	6.06
30/6/21	4.99							4.87	4.08	5.72	2/7/21	6.07							2.09	5.76	5.99	4/7/21	7.08							4.93	5.13	6.13
30/6/21	4.92							4.11	4.54	5.55	2/7/21	6.17							3.03	5.81	5.98	4/7/21	7.06							4.73	4.91	5.93
30/6/21	4.86							3.92	4.92	5.48	2/7/21	6.51							4.46	5.47	5.76	4/7/21	6.75							3.76	4.97	5.88
30/6/21	6.24							4.04	4.88	4.71	2/7/21	6.58							4.95	5.44	5.53	4/7/21	6.49							4.25	4.12	5.91
30/6/21	6.23							4.52	4.61	4.53	2/7/21	7.61							4.41	5.39	5.94	4/7/21	5.70							5.06	3.45	5.92
30/6/21	6.18							3.53	4.39	5.05	2/7/21	7.43							3.84	4.55	5.89	4/7/21	4.97							4.75	3.27	5.79
30/6/21	5.57							4.22	3.96	5.45	2/7/21	8.20							3.90	3.89	5.04	4/7/21	4.53							4.90	3.43	5.84
30/6/21	5.58							4.11	3.66	5.43	2/7/21	9.52							4.20	3.44	5.52	4/7/21	4.11							4.86	3.69	5.91
30/6/21	5.97							2.72	2.99	5.06	2/7/21	9.95							4.25	3.20	6.04	4/7/21	3.99							4.72	4.04	5.97
30/6/21	5.17							1.20	2.74	5.01	2/7/21	9.65							4.35	3.33	6.23	5/7/21	3.86							5.65	4.23	6.02
30/6/21	4.62							2.95	2.94	5.14	2/7/21	9.23							4.32	3.39	6.22	5/7/21	3.82							5.33	4.13	5.73
30/6/21	4.17							2.60	3.18	5.22	2/7/21	9.53							4.58	3.76	6.40	5/7/21	4.01							5.35	4.22	5.49
30/6/21	5.16							3.03	3.58	5.63	2/7/21	9.15							4.73	4.00	6.64	5/7/21	4.31							4.75	4.11	5.54
30/6/21	5.43							3.25	3.76	5.94	2/7/21	8.33							4.82	4.32	6.67	5/7/21	4.10							4.31	4.02	5.48
30/6/21	5.36							3.40	3.80	6.07	2/7/21	8.71							4.72	4.73	6.47	5/7/21	2.74							3.60	4.07	5.40
30/6/21	5.71							4.06	4.27	5.97	2/7/21	8.46							5.03	5.44	6.99	5/7/21	3.87							3.08	3.93	5.30
30/6/21	5.77							4.19	4.53	6.32	2/7/21	8.47							5.16	6.02	6.11	5/7/21	2.84							3.10	3.57	5.21
30/6/21	6.28							4.87	5.10	5.47	2/7/21	8.32							7.16	5.98	5.68	5/7/21	3.62							2.99	3.06	4.86
30/6/21	6.22							3.96	6.06	5.07	2/7/21	8.82							6.56	5.91	5.90	5/7/21	3.27							2.79	2.56	4.38
30/6/21	7.66							3.93	5.93	5.08	2/7/21	8.67							3.63	5.78	6.80	5/7/21	2.80							2.19	2.46	4.47
30/6/21	7.88							4.51	5.36	5.72	2/7/21	8.65							2.35	5.57	7.34	5/7/21	3.10							2.04	2.71	4.57
30/6/21	8.75							5.39	5.43	5.68	2/7/21	8.78							2.10	5.43	7.14	5/7/21	3.37							3.24	3.14	4.70
30/6/21	7.93							5.55	4.79	5.49	2/7/21	8.85							3.87	4.81	7.00	5/7/21	3.56							3.17	3.59	4.68
30/6/21	7.95							4.90	4.22	5.22	2/7/21	8.44							3.73	4.32	6.54	5/7/21	4.28							3.33	3.86	4.86
30/6/21	7.56							5.06	4.15	5.64	2/7/21	7.45							4.79	3.97	6.31	5/7/21	4.47							3.67	3.92	4.93
30/6/21	8.43							4.59	4.03	5.83	2/7/21	6.90							4.25	3.65	6.23	5/7/21	4.33							3.61	3.81	4.85
30/6/21	9.30							4.50	3.62	6.04	2/7/21	6.48							4.76	3.69	6.91	5/7/21	4.53							3.60	3.89	4.97
30/6/21	9.70							4.23	3.56	6.32	2/7/21	6.33							4.66	3.95	6.81	5/7/21	5.52							3.76	3.82	4.79
30/6/21	9.81							3.88	4.02	6.55	3/7/21	6.22							5.48	4.11	7.11	5/7/21	5.89							3.87	3.79	5.24
30/6/21	9.99							3.75	4.21	6.50	3/7/21	6.05							6.75	4.25	7.61	5/7/21	5.92							3.84	3.76	5.12
30/6/21	9.62							4.06	4.48	6.04	3/7/21	6.26							5.06	4.43	7.48	5/7/21	6.38							4.04	3.79	5.12
30/6/21	9.45							4.72	4.63	6.11	3/7/21	5.75							4.18	4.52	7.14	5/7/21	7.20							4.11	4.12	5.23
30/6/21	9.08							7.17	4.81	5.71	3/7/21	5.65							3.02	4.60	7.03	5/7/21	6.29							3.89	3.64	5.78
30/6/21	9.23							7.61	4.80	6.09	3/7/21	4.81							4.19	4.46	6.94	5/7/21	7.36							2.46	4.46	6.62
30/6/21	9.26							7.74	4.90	7.73	3/7/21	4.24							2.85	4.15	5.67	5/7/21	8.66							3.78	5.26	6.37
30/6/21	8.95							5.54	5.10	8.01	3/7/21	3.94							2.20	3.74	6.25	5/7/21	8.22							4.68	6.54	6.67
30/6/21	8.94							3.34	4.98	7.25	3/7/21	4.05							3.28	3.49	6.68	5/7/21	7.21							6.22	7.26	7.06
30/6/21	8.45							3.95	4.78	7.00	3/7/21	4.35																				

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	
6/7/21	8.48							5,57	5,63	6,86	9/7/21	3,80								4,18	3,76	5,82	11/7/21	8,99							8,26	7,98	8,16
6/7/21	9.43							5,16	5,58	6,46	9/7/21	3,38								3,74	3,97	4,77	11/7/21	8,24							8,98	7,82	8,31
6/7/21	10.46							4,72	5,39	6,64	9/7/21	4,44								4,31	4,10	5,22	11/7/21	7,96							8,05	7,81	8,21
6/7/21	10.80							3,40	5,52	6,79	9/7/21	4,71								2,93	4,27	4,72	11/7/21	9,06							9,48	7,42	8,20
6/7/21	9.97							3,34	5,01	8,26	9/7/21	5,07								2,90	4,49	4,68	11/7/21	9,55							9,46	6,92	8,52
6/7/21	8.97							4,05	4,12	8,12	9/7/21	4,09								4,60	4,41	4,83	11/7/21	9,66							9,15	6,41	7,61
7/7/21	7.92							3,77	3,47	8,20	9/7/21	5,71								4,06	4,12	5,41	11/7/21	9,41							8,21	5,90	7,65
7/7/21	5.10							3,10	3,48	7,74	9/7/21	6,66								3,51	3,99	5,83	11/7/21	7,67							8,75	6,56	8,04
7/7/21	4.58							7,04	3,78	8,26	9/7/21	7,03								3,59	3,89	5,91	11/7/21	6,47							7,73	7,22	8,00
7/7/21	4.69							7,19	4,53	8,24	9/7/21	8,27								3,54	3,79	6,03	11/7/21	7,13							6,58	6,84	7,65
7/7/21	4.92							6,74	5,54	7,73	9/7/21	6,76								3,18	3,85	6,10	11/7/21	7,02							5,97	6,79	7,23
7/7/21	4.82							5,93	6,07	7,54	9/7/21	6,31								3,14	3,97	6,11	11/7/21	6,59							6,18	6,44	7,23
7/7/21	4.56							5,46	5,87	7,05	9/7/21	6,49								3,43	3,92	6,06	11/7/21	6,19							5,88	6,43	7,17
7/7/21	3.82							5,29	5,14	6,51	9/7/21	6,83								3,42	3,94	6,66	11/7/21	5,82							5,88	6,14	7,24
7/7/21	2.45							4,72	4,42	5,96	9/7/21	7,27								3,86	4,11	7,28	11/7/21	4,50							6,27	6,26	7,27
7/7/21	3.54							4,69	3,84	5,42	9/7/21	8,81								3,44	4,00	7,62	11/7/21	4,79							6,70	6,15	6,39
7/7/21	3.36							4,43	3,25	5,13	9/7/21	8,23								3,17	5,40	8,25	12/7/21	6,35							6,58	6,06	6,52
7/7/21	3.22							4,19	2,72	4,50	9/7/21	9,28								3,62	6,14	8,17	12/7/21	6,81							6,50	5,84	6,04
7/7/21	2.92							3,81	3,40	5,37	9/7/21	9,40								4,93	6,42	8,90	12/7/21	7,48							4,77	5,72	6,89
7/7/21	3.63							3,97	3,77	5,81	9/7/21	8,09								5,05	6,61	9,37	12/7/21	7,74							3,46	5,20	6,75
7/7/21	3.31							4,61	4,44	5,66	9/7/21	9,48								5,49	6,78	8,75	12/7/21	7,55							4,16	4,47	6,58
7/7/21	3.66							4,80	5,00	6,34	9/7/21	8,21								6,01	6,51	8,26	12/7/21	6,94							5,72	4,23	6,74
7/7/21	3.66							5,02	5,03	6,43	9/7/21	9,36								5,85	7,19	8,50	12/7/21	5,58							5,87	4,08	6,37
7/7/21	3.49							5,13	4,73	6,61	9/7/21	10,31								3,12	7,38	8,96	12/7/21	4,60							5,27	4,04	6,02
7/7/21	4.41							5,27	4,40	6,62	9/7/21	10,58								2,71	7,31	8,26	12/7/21	4,31							4,71	4,45	5,71
7/7/21	5.35							5,06	4,35	6,53	9/7/21	9,85								1,90	6,49	6,81	12/7/21	4,23							4,24	4,80	5,62
7/7/21	5.88							4,60	4,25	6,40	9/7/21	8,98								1,76	5,88	6,95	12/7/21	3,89							4,06	4,62	5,47
7/7/21	6.79							4,90	4,23	5,93	9/7/21	8,76								3,32	5,41	6,96	12/7/21	3,44							3,99	4,39	5,14
7/7/21	7.67							4,38	4,42	5,95	9/7/21	8,43								3,05	4,85	6,79	12/7/21	2,84							4,24	4,41	5,00
7/7/21	7.12							4,47	4,31	6,13	9/7/21	7,84								2,85	4,93	6,96	12/7/21	2,45							4,26	4,69	5,06
7/7/21	6.69							4,72	4,73	7,63	9/7/21	8,49								1,62	4,93	7,07	12/7/21	1,78							4,49	4,93	5,53
7/7/21	7.58							2,89	5,29	7,58	9/7/21	8,38								2,60	5,30	6,91	12/7/21	2,88							4,55	5,50	4,91
7/7/21	7.79							5,34	6,25	8,34	9/7/21	10,20								2,89	5,51	6,64	12/7/21	4,15							4,80	6,40	4,59
7/7/21	7.49							5,46	7,58	9,81	9/7/21	10,04								0,96	5,47	5,87	12/7/21	4,13							5,20	6,26	4,96
7/7/21	7.75							6,28	8,07	10,25	9/7/21	9,22								1,19	5,60	5,84	12/7/21	3,13							4,44	6,03	4,76
7/7/21	8.09							8,37	8,19	10,43	10/7/21	8,87								1,44	5,44	7,10	12/7/21	2,94							4,74	5,77	4,78
7/7/21	8.05							6,73	8,14	9,30	10/7/21	8,37								1,04	4,53	7,38	12/7/21	5,16							4,60	4,94	5,07
7/7/21	9.14							9,22	8,52	9,15	10/7/21	6,90								1,76	4,09	6,86	12/7/21	6,18							4,23	4,33	5,47
7/7/21	9.53							7,51	8,35	8,65	10/7/21	5,18								0,39	3,49	7,49	12/7/21	6,01							4,20	4,21	5,89
7/7/21	10.33							6,08	8,49	8,51	10/7/21	4,41								0,50	3,05	7,98	12/7/21	6,14							4,27	3,96	6,14
7/7/21	10.32							8,86	8,51	9,86	10/7/21	4,39								0,56	3,19	7,73	12/7/21	5,96							4,32	4,15	6,29
7/7/21	10.71							9,15	7,52	9,39	10/7/21	4,20								0,49	4,33	7,36	12/7/21	3,61							4,34	4,39	6,44
7/7/21	9.69							8,40	6,98	8,18	10/7/21	3,88								0,54	4,80	6,61	12/7/21	3,67							4,59	4,52	6,56
7/7/21	11.18							7,11	6,37	7,13	10/7/21	3,84								0,40	5,30	6,15	12/7/21	4,13							7,38	4,94	6,68
7/7/21	9.86							6,32	5,92	7,48	10/7/21	3,82								0,39	5,03	5,30	12/7/21	8,24							7,37	5,34	6,31
7/7/21	9.75							6,74	5,41	7,46	10/7/21	3,47								0,46	5,03	5,09	12/7/21	10,47							8,14	5,73	6,17
7/7/21	9.17							6,64	5,33	7,34	10/7/21	2,98								0,36	4,82	4,73	12/7/21	10,41							7,09	5,98	7,08
7/7/21	7.12							6,34	5,48	7,18	10/7/21	2,44								0,33	4,72	4,67	12/7/21	10,56							4,79	6,14	7,14
7/7/21	8.40							5,92	5,87	6,89	10/7/21	2,46								0,39	4,81	5,08	12/7/21	10,35							5,14	7,05	7,15
7/7/21	9.02							5,47	5,84	6,51	10/7/21	2,56								0,45	4,92	5,34	12/7/21	9,15							6,80	7,33	7,85
7/7/21	9.64							5,40	5,56	6,44	10/7/21	3,28								0,40	5,25	5,02	12/7/21	7,13							8,27	7,57	8,07
7/7/21	9.77							4,66	5,53	6,42	10/7/21	4,94								0,40	5,38	5,19	12/7/21	7,84							9,71	7,10	8,64
7/7/21	9.40							4,12	5,65	6,57	10/7/21	6,																					

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9		ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9		ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9
14/7/21	2.44							3.53	4.47	4.31	16/7/21	3.44										18/7/21	5.03							4.42	4.99	6.68
14/7/21	2.57							3.34	3.98	4.61	16/7/21	4.25										18/7/21	4.39							5.84	4.56	6.55
14/7/21	2.55							3.27	3.41	4.68	16/7/21	4.60										18/7/21	3.78							6.22	4.34	6.60
14/7/21	2.73							3.61	2.99	4.68	16/7/21	4.47										18/7/21	3.86							6.64	4.50	6.14
14/7/21	3.18							4.32	2.55	4.67	16/7/21	4.78										18/7/21	3.46							6.36	4.69	6.24
14/7/21	3.30							4.35	2.77	4.64	16/7/21	4.27										18/7/21	2.44							5.83	4.57	6.32
14/7/21	2.91							4.48	3.06	4.72	16/7/21	4.20										18/7/21	2.62							6.71	4.63	6.53
14/7/21	3.02							4.28	3.29	4.76	16/7/21	4.61										19/7/21	3.35							6.65	4.81	7.44
14/7/21	2.32							4.16	3.14	4.71	16/7/21	5.77										19/7/21	3.23							6.35	4.78	7.30
14/7/21	2.57							3.46	3.37	4.76	16/7/21	6.46										19/7/21	3.48							6.12	4.69	7.63
14/7/21	2.87							3.07	3.76	5.17	16/7/21	5.39										19/7/21	2.91							5.40	4.73	7.40
14/7/21	2.63							3.83	4.23	5.30	16/7/21	5.78										19/7/21	3.26							5.14	4.61	7.25
14/7/21	3.66							4.88	4.79	5.62	16/7/21	5.67										19/7/21	3.23							4.55	4.25	6.55
14/7/21	4.14							5.62	5.67	6.09	16/7/21	5.51										19/7/21	2.70							4.71	3.85	6.35
14/7/21	4.12							5.56	6.47	6.07	16/7/21	4.77										19/7/21	3.46							3.67	4.15	6.46
14/7/21	3.65							5.88	6.98	6.23	16/7/21	4.06										19/7/21	3.25							3.78	4.53	6.44
14/7/21	4.15							4.78	6.50	5.60	16/7/21	3.59										19/7/21	2.57							3.81	4.72	6.29
14/7/21	3.71							4.90	6.26	5.25	16/7/21	3.06										19/7/21	3.25							3.62	4.74	6.01
14/7/21	4.60							5.67	5.70	4.88	16/7/21	2.81										19/7/21	2.91							3.47	4.71	5.72
14/7/21	4.28							5.00	4.46	5.19	16/7/21	2.52										19/7/21	2.97							3.56	4.56	5.73
14/7/21	3.95							4.34	4.11	5.41	16/7/21	2.74										19/7/21	3.80							3.71	4.45	5.56
14/7/21	4.58							3.89	3.78	5.54	16/7/21	3.28										19/7/21	3.64							3.60	4.45	5.48
14/7/21	4.71							3.64	3.53	5.57	16/7/21	3.24										19/7/21	3.13							3.41	4.47	5.12
14/7/21	5.10							3.55	3.54	5.71	16/7/21	2.68										19/7/21	2.96							3.49	4.37	5.03
14/7/21	4.73							3.95	3.72	5.84	16/7/21	2.33										19/7/21	3.71							3.47	4.35	4.47
14/7/21	4.59							4.42	3.64	6.02	16/7/21	2.92										19/7/21	3.66							3.61	3.87	5.60
14/7/21	4.53							6.05	3.83	6.14	17/7/21	2.81										19/7/21	3.93							3.50	3.57	6.81
14/7/21	5.53							6.52	4.08	6.31	17/7/21	2.65										19/7/21	3.91							3.86	6.56	6.44
14/7/21	5.97							6.22	4.48	5.79	17/7/21	2.08										19/7/21	4.46							4.62	7.99	5.48
14/7/21	6.29							7.63	4.55	6.16	17/7/21	1.62										19/7/21	5.18							4.81	8.01	5.45
14/7/21	7.31							8.52	4.70	5.72	17/7/21	2.38										19/7/21	5.13							5.09	8.19	5.61
14/7/21	7.38							8.48	4.96	6.47	17/7/21	2.69										19/7/21	4.85							5.17	8.07	4.51
14/7/21	7.96							7.15	5.15	6.69	17/7/21	2.66										19/7/21	4.98							4.42	8.30	4.16
14/7/21	7.70							5.99	5.43	6.62	17/7/21	2.67										19/7/21	4.98							5.06	8.97	4.37
14/7/21	7.06							6.62	5.60	6.75	17/7/21	2.35										19/7/21	5.98							3.94	8.47	5.40
14/7/21	5.52							7.26	5.41	6.77	17/7/21	2.16										19/7/21	7.19							3.44	7.01	5.64
14/7/21	3.93							8.39	5.33	6.82	17/7/21	2.10										19/7/21	7.41							3.20	5.24	5.83
14/7/21	3.06							8.37	5.23	6.89	17/7/21	2.06										19/7/21	8.06							3.42	4.81	6.04
14/7/21	1.24							7.98	4.93	6.70	17/7/21	1.66										19/7/21	7.57							3.37	4.63	6.72
14/7/21	1.43							7.17	4.54	6.18	17/7/21	1.73										19/7/21	6.68							3.75	4.84	7.13
14/7/21	3.13							6.89	4.24	5.94	17/7/21	1.27										19/7/21	6.07							4.09	5.03	7.14
14/7/21	4.64							6.75	3.80	5.99	17/7/21	2.07										19/7/21	6.64							4.42	5.15	7.01
14/7/21	4.74							6.26	4.38	6.69	17/7/21	2.14										19/7/21	6.11							4.76	5.34	6.97
14/7/21	5.04							5.71	5.10	6.74	17/7/21	2.08										19/7/21	4.14							5.22	5.51	7.00
14/7/21	5.35							5.32	5.44	6.55	17/7/21	1.58										19/7/21	3.98							5.05	5.65	6.95
15/7/21	5.64							5.55	5.48	6.24	17/7/21	1.44										19/7/21	5.00							5.23	5.83	6.64
15/7/21	4.94							5.12	5.32	5.91	17/7/21	2.61										19/7/21	6.91							5.15	5.85	5.84
15/7/21	3.52							5.16	5.17	5.68	17/7/21	3.54										19/7/21	7.66							5.18	6.10	5.65
15/7/21	2.45							4.95	4.93	5.19	17/7/21	3.44										19/7/21	8.32							5.21	5.76	7.69
15/7/21	2.69							4.81	4.75	4.99	17/7/21	3.60										19/7/21	8.32							5.01	5.42	8.39
15/7/21	3.12							4.87	4.28	4.83	17/7/21	2.97										19/7/21	7.62							4.83	4.86	7.39
15/7/21	3.01							4.31	3.68	5.62	17/7/21	4.48										19/7/21	8.15							3.82	4.15	7.80
15/7/21	3.01							4.57	3.41	5.57	17/7/21	3.95										19/7/21	6.73							3.85	3.96	8.46
15/7/21	2.67							5.39	3.38	5.27	17/7/21	4.70										19/7/21	5.01							5.98	4.38	8.58
15/7/21	2.10							4.39	3.78	5.43	17/7/21	4.51										19/7/21	4.64							7.71	5.02	8.82
15/7/21	2.11							4.41	4.42	5.83	17/7/21	4.37										20/7/21	4.35							7.15	5.55	8.40
15/7/21	2.25							3.88	4.56	5.72	17/7/21	4.91										20/7/21	4.27							8.18	6.51	8.22
15/7/21	2.03							3.92	4.47	5.95	17/7/21	5.53		</																		

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	
21/7/21	2.40							2.31	3.37	4.02	23/7/21	6.03										26/7/21	5.62								4.89	5.61	5.16
21/7/21	2.41							3.45	3.71	4.49	23/7/21	7.91										26/7/21	4.89								2.65	5.27	5.35
21/7/21	2.14							3.68	4.11	4.73	23/7/21	8.97										26/7/21	4.19								2.95	4.94	5.13
21/7/21	2.04							4.42	4.40	5.18	23/7/21	9.71										26/7/21	3.84								3.19	4.82	5.00
21/7/21	2.28							4.42	4.71	5.41	23/7/21	10.14										26/7/21	3.66								3.44	4.11	4.88
21/7/21	2.16							4.66	4.65	5.77	23/7/21	10.32										26/7/21	3.59								3.42	3.81	4.90
21/7/21	2.28							4.61	4.68	5.66	23/7/21	9.70										26/7/21	3.86								3.99	3.88	4.94
21/7/21	2.46							4.49	4.71	5.67	23/7/21	8.74										26/7/21	4.05								3.66	3.91	4.84
21/7/21	2.61							4.25	4.72	5.65	23/7/21	8.61										26/7/21	3.81								3.54	3.92	4.46
21/7/21	3.54							4.54	4.85	5.56	23/7/21	8.26										26/7/21	3.50								3.51	3.99	4.53
21/7/21	3.98							4.33	5.00	5.38	23/7/21	6.96										26/7/21	3.55								2.82	4.25	4.50
21/7/21	3.87							4.82	5.23	5.38	23/7/21	7.23										26/7/21	3.23								2.65	4.80	4.77
21/7/21	3.57							4.30	5.45	6.27	23/7/21	7.08										26/7/21	3.06								1.81	5.24	4.60
21/7/21	3.90							3.95	5.82	6.29	23/7/21	6.56										26/7/21	3.22								2.78	5.77	4.32
21/7/21	3.95							5.15	6.33	6.91	23/7/21	6.35										26/7/21	4.96								2.93	6.03	4.78
21/7/21	3.24							5.12	8.09	7.40	23/7/21	6.78										26/7/21	4.74								2.07	5.88	4.23
21/7/21	3.53							5.53	8.79	8.36	23/7/21	7.11										26/7/21	5.04								4.05	5.68	4.51
21/7/21	3.03							6.12	9.13	9.03	24/7/21	7.39										26/7/21	5.80								3.45	5.34	4.21
21/7/21	4.40							8.53	9.35	9.03	24/7/21	7.11										26/7/21	5.73								3.21	4.90	4.30
21/7/21	5.26							10.15	9.28	8.63	24/7/21	7.08										26/7/21	6.59								3.29	4.40	4.48
21/7/21	6.68							10.48	9.37	7.78	24/7/21	6.33										26/7/21	7.03								2.91	4.26	4.62
21/7/21	8.06							9.68	9.11	8.67	24/7/21	4.67										26/7/21	6.94								2.72	4.21	4.81
21/7/21	7.77							8.21	9.57	8.99	24/7/21	4.16										26/7/21	6.66								2.40	4.18	4.94
21/7/21	8.83							9.16	7.55	8.69	24/7/21	3.97										26/7/21	7.08								3.12	4.32	5.10
21/7/21	7.48							7.73	7.48	7.94	24/7/21	3.82										26/7/21	6.48								6.03	4.50	5.18
21/7/21	6.93							6.18	7.12	7.04	24/7/21	3.20										26/7/21	6.75								6.77	4.86	5.20
21/7/21	7.30							5.68	6.72	7.16	24/7/21	2.54										26/7/21	6.65								6.59	5.07	5.09
21/7/21	6.91							5.71	6.40	6.98	24/7/21	1.45										26/7/21	6.79								6.17	5.33	4.85
21/7/21	5.62							6.89	6.25	6.77	24/7/21	1.33										26/7/21	7.68								5.75	5.54	5.76
21/7/21	5.41							7.69	6.22	6.68	24/7/21	2.56										26/7/21	7.65								5.58	5.85	5.58
21/7/21	4.72							7.50	6.22	6.26	24/7/21	2.86										26/7/21	8.13								4.56	5.62	4.33
21/7/21	6.36							7.26	6.25	5.58	24/7/21	2.61										26/7/21	8.20								2.79	5.35	5.07
21/7/21	6.94							6.77	5.87	6.37	24/7/21	3.01										26/7/21	8.57								3.90	4.62	5.08
21/7/21	7.45							5.29	5.79	6.49	24/7/21	3.79										26/7/21	7.29								3.99	4.40	5.23
21/7/21	7.57							4.05	5.14	6.55	24/7/21	3.83										26/7/21	5.76								3.71	4.36	5.29
21/7/21	7.46							5.59	4.56	6.38	24/7/21	4.14										26/7/21	5.05								4.32	5.09	5.30
21/7/21	6.92							4.65	4.03	5.85	24/7/21	4.33										26/7/21	4.30								4.07	5.49	5.34
21/7/21	5.55							6.47	4.05	5.54	24/7/21	4.74										26/7/21	4.29								4.46	5.24	5.02
21/7/21	4.60							7.54	5.22	5.86	24/7/21	5.92										26/7/21	3.89								4.18	4.77	5.19
21/7/21	4.13							7.60	5.82	6.07	24/7/21	4.67										26/7/21	4.07								3.49	3.86	4.93
21/7/21	3.36							6.87	5.93	6.07	24/7/21	5.75										26/7/21	4.97								3.28	4.62	5.59
21/7/21	3.39							6.25	5.78	6.07	24/7/21	5.85										26/7/21	4.92								3.85	5.16	5.47
21/7/21	2.89							5.53	5.87	5.68	24/7/21	6.94										26/7/21	4.57								3.67	5.46	5.46
21/7/21	1.71							4.67	5.43	5.07	24/7/21	7.86										26/7/21	4.32								2.99	5.35	5.36
21/7/21	1.44							4.90	4.87	4.26	24/7/21	8.20										26/7/21	4.47								2.63	5.22	5.33
21/7/21	1.71							4.72	3.89	4.39	24/7/21	8.43										26/7/21	4.25								2.65	5.13	5.33
21/7/21	2.14							4.50	3.31	4.38	24/7/21	7.69										26/7/21	4.34								2.56	5.12	5.20
21/7/21	2.42							4.28	3.22	3.94	24/7/21	7.22										26/7/21	3.84								2.38	5.04	5.07
21/7/21	1.49							3.55	3.51	3.86	24/7/21	6.32										26/7/21	4.41								2.44	5.22	4.62
21/7/21	2.46							3.16	3.60	4.17	24/7/21	6.59										26/7/21	4.81								2.64	4.81	4.75
21/7/21	2.45							3.83	3.94	4.45	24/7/21	6.51										26/7/21	4.95								2.39	4.68	4.79
21/7/21	2.58							4.39	4.33	4.85	24/7/21	6.73										26/7/21	4.69								2.33	3.91	4.66
21/7/21	2.46							4.85	4.64	5.17	24/7/21	8.77										26/7/21	4.57								2.74	3.40	4.44
21/7/21	2.75							4.75	4.75	5.54	24/7/21	10.16										26/7/21	4.29								2.37	3.50	4.03
21/7/21	2.65							4.75	4.75	5.63	24/7/21	9.59										26/7/21	3.95								2.45	3.57	3.89
21/7/21	3.32							4.75	4.80	5.59	24/7/21	8.62										26/7/21	3.72				</						

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	
28/7/21	5.91							2.81	4.71	4.35	30/7/21	9.74							5.44	4.97	6.82	2/8/21	4.05								1.40	3.02	3.82
28/7/21	5.63							3.09	4.31	4.56	30/7/21	8.42							5.53	4.56	6.68	2/8/21	2.85							1.19	3.39	3.76	
28/7/21	5.54							2.96	4.05	4.68	30/7/21	8.56							5.63	4.26	6.50	2/8/21	3.48							0.65	3.38	3.68	
28/7/21	4.81							2.78	3.82	4.85	30/7/21	7.06							5.16	4.04	6.30	2/8/21	3.70							0.64	3.53	3.84	
28/7/21	6.67							2.54	3.88	5.10	30/7/21	7.09							4.02	4.03	5.12	2/8/21	3.90							1.18	3.51	3.93	
28/7/21	7.46							2.67	4.06	5.30	30/7/21	6.60							2.69	3.96	5.44	2/8/21	4.16							1.53	3.81	3.91	
28/7/21	7.65							2.63	4.28	5.42	30/7/21	4.89							2.13	3.72	5.54	2/8/21	4.47							1.45	3.93	3.81	
28/7/21	7.68							3.62	4.69	5.36	30/7/21	4.59							2.05	3.55	5.39	2/8/21	5.02							1.65	4.00	3.70	
28/7/21	8.45							3.89	5.15	5.34	31/7/21	5.48							2.83	3.84	5.51	2/8/21	3.87							1.78	4.13	3.96	
28/7/21	8.75							4.31	5.33	5.11	31/7/21	5.78							3.59	4.11	6.12	2/8/21	4.86							1.86	4.09	3.89	
28/7/21	9.04							5.03	5.55	4.93	31/7/21	5.41							4.54	4.50	6.15	2/8/21	4.88							2.12	4.16	4.23	
28/7/21	9.55							5.39	5.82	5.69	31/7/21	5.00							3.85	4.66	6.20	2/8/21	4.54							1.78	4.17	4.31	
28/7/21	9.54							3.76	6.15	5.76	31/7/21	5.22							2.47	4.80	5.94	2/8/21	5.14							1.96	4.15	3.97	
28/7/21	9.01							2.02	6.38	6.48	31/7/21	5.70							3.25	4.85	5.69	2/8/21	5.53							1.90	4.02	4.19	
28/7/21	10.40							2.83	6.64	6.51	31/7/21	6.04							3.27	4.81	5.12	2/8/21	7.30							2.02	4.16	4.18	
28/7/21	10.25							4.97	6.43	6.83	31/7/21	6.11							3.42	4.69	5.02	2/8/21	7.98							1.95	4.20	3.86	
28/7/21	10.12							5.00	5.85	6.68	31/7/21	5.55							3.54	4.47	5.38	2/8/21	6.28							1.91	4.25	3.86	
28/7/21	8.46							5.28	5.45	6.76	31/7/21	5.40							2.59	4.04	5.31	2/8/21	7.79							2.29	4.40	4.32	
28/7/21	6.24							5.25	5.36	6.76	31/7/21	5.05							2.48	3.21	4.85	2/8/21	8.62							2.65	4.58	5.07	
28/7/21	4.99							4.92	5.09	6.61	31/7/21	4.44							2.69	2.37	4.64	2/8/21	7.83							2.51	4.67	4.60	
28/7/21	2.95							4.54	4.78	6.05	31/7/21	3.91							1.99	2.66	4.24	2/8/21	8.49							2.07	4.70	5.16	
28/7/21	2.85							4.17	4.61	5.49	31/7/21	3.29							1.65	3.44	3.83	2/8/21	8.42							2.48	4.83	4.98	
28/7/21	4.28							3.76	4.40	6.22	31/7/21	2.81							1.41	3.96	3.48	2/8/21	8.27							2.47	4.96	4.69	
28/7/21	4.57							4.29	3.71	5.88	31/7/21	3.09							1.37	4.41	3.39	2/8/21	7.79							2.64	4.92	4.72	
28/7/21	5.16							4.34	4.31	6.19	31/7/21	3.75							1.46	4.94	3.62	2/8/21	6.95							2.82	5.03	4.75	
28/7/21	5.19							4.04	4.86	6.20	31/7/21	3.87							1.96	6.03	3.67	2/8/21	9.30							2.43	5.11	4.75	
28/7/21	4.79							3.66	5.41	6.08	31/7/21	4.22							3.25	6.26	3.62	2/8/21	9.71							2.60	5.29	4.81	
29/7/21	4.76							3.49	5.60	5.97	31/7/21	5.76							2.66	6.04	3.60	2/8/21	8.51							2.94	4.94	5.06	
29/7/21	4.46							3.56	5.57	5.82	31/7/21	5.80							3.03	5.58	4.01	2/8/21	8.36							2.80	5.17	4.90	
29/7/21	4.24							3.30	5.29	5.88	31/7/21	6.01							3.03	4.41	4.20	2/8/21	7.85							1.67	5.01	5.04	
29/7/21	4.11							3.52	5.20	5.76	31/7/21	6.25							2.72	4.11	4.54	2/8/21	7.02							1.42	5.56	5.03	
29/7/21	4.51							3.82	5.28	4.92	31/7/21	6.13							1.70	4.08	4.75	2/8/21	6.01							1.88	3.98	4.92	
29/7/21	4.77							3.37	5.16	5.02	31/7/21	6.42							2.84	4.05	4.55	2/8/21	5.85							1.92	3.62	4.44	
29/7/21	5.09							2.98	4.81	3.77	31/7/21	7.23							2.87	4.05	4.57	2/8/21	5.92							2.73	3.77	4.52	
29/7/21	5.00							2.72	4.43	4.77	31/7/21	8.71							2.51	4.23	4.92	2/8/21	5.33							2.96	4.50	4.77	
29/7/21	5.16							2.24	3.81	4.77	31/7/21	8.63							3.21	4.44	5.04	2/8/21	5.12							3.11	5.21	5.04	
29/7/21	5.16							1.65	3.62	4.50	31/7/21	9.44							3.07	4.64	5.18	2/8/21	5.21							3.45	5.60	5.41	
29/7/21	5.32							1.90	3.42	4.32	31/7/21	10.39							3.16	4.72	5.44	3/8/21	5.01							3.88	5.12	5.33	
29/7/21	4.69							1.93	3.24	4.83	31/7/21	10.81							3.18	4.87	5.56	3/8/21	4.73							4.04	5.01	5.03	
29/7/21	3.49							2.09	3.95	4.10	31/7/21	10.99							2.52	5.22	5.56	3/8/21	4.82							3.70	4.48	4.75	
29/7/21	3.21							2.63	4.41	4.48	31/7/21	10.76							2.46	5.28	5.70	3/8/21	4.19							3.54	4.47	4.55	
29/7/21	2.66							2.34	4.97	5.10	31/7/21	11.06							2.54	5.34	5.75	3/8/21	4.71							3.09	4.47	4.28	
29/7/21	2.21							1.87	5.47	5.60	31/7/21	12.00							2.00	5.76	5.24	3/8/21	4.37							2.50	4.50	4.36	
29/7/21	2.69							1.48	6.42	5.92	31/7/21	12.15							1.82	5.81	5.58	3/8/21	4.04							1.69	4.34	4.01	
29/7/21	4.21							1.02	7.41	6.08	31/7/21	11.65							1.47	5.10	5.76	3/8/21	3.18							0.99	3.93	3.77	
29/7/21	4.56							1.88	7.02	5.51	31/7/21	10.70							1.53	5.93	5.91	3/8/21	3.42							0.70	3.25	3.33	
29/7/21	6.10							2.81	6.63	5.00	31/7/21	10.49							0.89	5.95	6.21	3/8/21	3.99							1.28	2.57	3.77	
29/7/21	6.93							3.45	6.66	5.08	31/7/21	9.25							1.54	5.74	6.66	3/8/21	4.26							2.32	3.20	4.15	
29/7/21	7.64							2.64	5.33	4.70	31/7/21	8.58							2.66	5.56	6.18	3/8/21	4.07							2.56	4.06	4.39	
29/7/21	8.11							2.93	5.24	4.85	31/7/21	6.97							2.81	5.38	6.45	3/8/21	4.34							2.09	4.36	4.50	
29/7/21	7.88							3.01	4.46	5.07	31/7/21	6.85							4.28	4.88	6.27	3/8/21	4.28							2.22	4.01	4.65	
29/7/21	8.02							2.69	4.12	5.15	31/7/21	6.31							4.26	4.34	5.87	3/8/21	3.91							3.01	4.28	4.75	
29/7/21	7.60							2.63	4.01	5.18	31/7/21	5.88							4.51	4.07	5.55	3/8/21	4.29							3.35	4.60	4.73	
29/7/21	7.77																																

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9		ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9		ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9
4/8/21	7.80							3.74	8.84	5.56	7/8/21	7.27							1.39	5.01	5.91	9/8/21	5.75							1.52	4.05	3.67
4/8/21	8.34							4.01	8.64	5.90	7/8/21	7.03							2.10	4.39	5.71	9/8/21	6.20							1.79	4.15	3.95
4/8/21	8.62							5.16	8.45	6.05	7/8/21	6.85							2.56	4.05	5.16	9/8/21	6.43							1.75	4.13	4.15
4/8/21	8.58							3.46	6.94	5.37	7/8/21	6.28							2.57	3.95	5.10	9/8/21	6.11							1.62	4.23	4.22
4/8/21	8.48							2.65	6.46	5.55	7/8/21	5.71							2.63	4.06	5.52	9/8/21	5.72							1.62	4.30	4.21
4/8/21	7.95							2.47	6.01	4.90	7/8/21	5.36							3.10	4.62	5.05	9/8/21	7.08							1.78	4.50	4.04
4/8/21	7.17							3.15	5.60	4.79	7/8/21	5.07							3.16	5.69	4.73	9/8/21	7.53							2.03	4.73	3.41
4/8/21	7.00							2.62	5.41	5.22	7/8/21	4.87							3.14	5.51	4.66	9/8/21	8.09							2.25	5.19	1.60
4/8/21	6.04							2.56	5.36	5.21	7/8/21	4.57							3.64	5.05	4.55	9/8/21	8.07							2.50	5.87	4.41
4/8/21	7.34							2.57	5.44	5.19	7/8/21	4.59							3.08	4.86	4.40	9/8/21	7.64							1.94	6.24	4.68
4/8/21	7.61							2.92	5.44	4.98	7/8/21	4.57							2.37	4.72	3.50	9/8/21	7.69							0.48	6.59	5.43
4/8/21	7.77							3.09	5.74	4.47	7/8/21	4.13							2.89	4.63	3.46	9/8/21	7.57							1.03	7.56	5.39
4/8/21	7.40							2.85	5.42	4.45	7/8/21	4.87							2.42	4.78	3.47	9/8/21	6.49							2.21	8.08	5.52
4/8/21	6.66							2.51	5.38	4.76	7/8/21	4.88							1.85	4.80	4.18	9/8/21	6.13							3.22	8.05	5.75
4/8/21	6.03							2.76	5.07	4.40	7/8/21	5.10							3.15	4.86	4.46	9/8/21	6.48							3.75	8.40	5.71
4/8/21	5.77							2.75	4.84	5.18	7/8/21	5.17							3.22	4.80	4.58	9/8/21	6.93							4.07	8.36	5.67
4/8/21	5.35							1.71	4.22	4.90	7/8/21	5.25							3.45	4.72	4.55	9/8/21	7.56							4.33	7.98	3.25
4/8/21	4.88							2.38	3.76	4.83	7/8/21	5.49							3.44	4.77	4.63	9/8/21	7.98							4.40	7.51	4.34
5/8/21	4.41							2.98	3.77	4.55	7/8/21	5.74							3.75	4.87	4.63	9/8/21	8.37							3.92	6.79	5.09
5/8/21	4.96							3.37	4.22	5.56	7/8/21	6.14							3.96	4.80	4.67	9/8/21	8.36							4.50	7.08	5.82
5/8/21	4.48							3.63	5.24	5.44	7/8/21	5.90							3.37	4.82	4.68	9/8/21	9.10							4.93	7.50	5.95
5/8/21	4.44							3.61	5.61	4.88	7/8/21	6.65							3.02	4.88	4.69	9/8/21	8.53							4.86	7.07	5.72
5/8/21	4.01							3.92	4.99	4.43	7/8/21	7.00							3.32	4.96	4.72	9/8/21	7.39							4.39	6.89	5.59
5/8/21	3.35							3.75	4.73	4.21	7/8/21	7.44							3.33	5.06	4.55	9/8/21	7.40							4.34	6.45	5.58
5/8/21	2.56							3.27	4.54	4.71	7/8/21	7.92							3.14	5.31	2.75	9/8/21	7.48							4.20	6.39	5.30
5/8/21	2.60							2.97	4.33	4.32	7/8/21	7.57							2.97	6.08	5.14	9/8/21	6.96							3.52	6.26	5.11
5/8/21	3.34							2.21	4.12	3.94	7/8/21	7.20							2.41	6.76	5.16	9/8/21	6.43							3.13	6.31	4.84
5/8/21	2.79							1.32	3.86	3.55	7/8/21	6.99							1.86	7.19	5.58	9/8/21	7.24							3.50	6.23	4.64
5/8/21	3.37							1.25	3.54	3.58	7/8/21	6.99							3.41	8.00	5.83	10/8/21	7.14							3.23	6.03	3.32
5/8/21	3.86							0.96	3.42	3.95	7/8/21	7.56							4.63	8.61	6.33	10/8/21	6.72							3.05	5.37	4.26
5/8/21	2.42							2.03	3.73	4.19	7/8/21	7.65							6.12	9.22	6.46	10/8/21	6.09							2.48	5.59	4.43
5/8/21	3.06							2.00	3.92	4.37	7/8/21	8.49							6.56	9.46	6.50	10/8/21	5.64							2.39	5.13	4.65
5/8/21	2.80							1.86	4.28	4.36	7/8/21	9.13							7.13	9.86	6.52	10/8/21	5.41							2.56	4.77	4.59
5/8/21	2.98							2.49	4.42	4.46	7/8/21	8.84							7.04	9.10	6.48	10/8/21	4.89							2.35	4.19	4.49
5/8/21	3.39							2.83	4.57	4.56	7/8/21	9.14							6.78	8.80	6.14	10/8/21	4.49							1.45	4.26	4.72
5/8/21	3.12							2.32	4.55	4.57	7/8/21	8.91							6.28	8.46	6.55	10/8/21	4.35							1.83	4.58	4.50
5/8/21	4.37							2.09	4.54	4.59	7/8/21	8.48							5.26	7.66	6.69	10/8/21	4.09							1.98	4.43	4.05
5/8/21	4.45							2.27	4.55	4.58	7/8/21	7.99							6.15	7.01	6.43	10/8/21	3.91							2.17	4.39	3.89
5/8/21	5.55							2.30	4.64	4.41	7/8/21	7.03							6.24	6.63	6.07	10/8/21	3.66							2.18	4.84	3.65
5/8/21	5.52							2.21	4.66	4.44	7/8/21	6.85							5.32	6.52	6.08	10/8/21	2.98							1.65	4.78	3.64
5/8/21	6.25							2.13	4.60	4.62	7/8/21	6.78							5.24	6.40	5.80	10/8/21	3.27							0.63	4.58	3.29
5/8/21	6.24							2.18	4.61	4.61	7/8/21	5.82							4.56	6.11	5.71	10/8/21	2.16							0.93	4.80	2.84
5/8/21	6.50							2.18	4.69	3.88	7/8/21	5.60							4.73	6.21	5.67	10/8/21	2.71							1.10	5.22	1.99
5/8/21	6.79							1.97	4.66	4.97	7/8/21	5.63							4.64	5.73	5.57	10/8/21	3.93							1.33	6.08	1.34
5/8/21	6.81							1.86	5.60	5.22	7/8/21	5.23							4.49	5.78	5.24	10/8/21	4.33							1.60	6.47	3.20
5/8/21	6.87							2.28	7.77	5.08	7/8/21	5.93							4.01	5.96	2.62	10/8/21	4.82							1.16	6.30	3.19
5/8/21	7.13							3.01	9.41	5.60	7/8/21	6.25							3.69	5.72	4.68	10/8/21	5.22							1.60	6.08	3.20
5/8/21	7.39							3.98	10.49	5.71	8/8/21	6.13							3.45	5.48	5.23	10/8/21	5.89							1.84	5.70	3.19
5/8/21	6.12							5.13	11.02	3.64	8/8/21	6.18							2.93	5.12	5.25	10/8/21	6.10							1.83	4.87	3.43
5/8/21	8.20							4.54	11.02	6.34	8/8/21	6.33							2.61	4.78	5.25	10/8/21	6.23							1.87	4.48	3.71
5/8/21	8.75							3.94	11.01	5.64	8/8/21	6.28							2.53	4.63	5.30	10/8/21	6.33							1.90	4.44	3.98
5/8/21	9.14							3.71	10.81	6.99	8/8/21	6.27							2.45	4.08	5.17	10/8/21	6.11							1.92	4.51	4.18
5/8/21	9.84							4.38	10.04	6.15	8/8/21	5.85							2.38	3.92	4.70	10/8/21	6.08							1.61	4.47	4.27
5/8/21	9.40							2.86	7.14	5.56	8/8/21	5.40							2.37	4.05	4.49	10/8/21	4.22							1.79	4.60	4.24
5/8/21	9.29				</																											

[illegible]

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	
19/8/21	6.34						9.31	6.21	6.50	21/8/21	4.49								5.60	5.29	5.31	23/8/21	5.60								6.03	4.00	4.53
19/8/21	6.26						8.83	6.06	5.93	21/8/21	4.68								5.27	5.35	5.31	23/8/21	5.44								6.08	4.26	4.83
19/8/21	5.98						8.49	5.64	5.63	21/8/21	4.87								5.28	5.50	5.33	23/8/21	5.16								6.45	5.03	5.06
19/8/21	5.80						7.74	5.69	5.78	21/8/21	4.64								5.76	5.14	5.36	23/8/21	5.05								6.37	5.40	5.19
19/8/21	5.54						6.97	5.43	5.76	21/8/21	6.48								5.95	5.46	5.33	23/8/21	4.88								6.25	5.45	5.15
19/8/21	5.54						6.09	5.17	5.65	21/8/21	7.06								6.17	5.61	5.10	23/8/21	4.94								5.78	5.47	5.34
19/8/21	5.58						5.88	5.15	5.50	21/8/21	7.90								6.28	5.71	5.97	23/8/21	4.68								5.77	5.24	5.41
19/8/21	5.42						5.45	4.84	5.15	21/8/21	8.86								6.27	6.38	6.76	23/8/21	4.51								5.73	5.66	5.40
19/8/21	5.34						5.53	4.36	4.23	21/8/21	9.07								6.11	6.80	6.47	23/8/21	4.38								5.51	5.58	5.43
19/8/21	5.13						4.98	4.00	4.67	21/8/21	8.85								5.17	7.04	6.55	23/8/21	4.32								5.40	5.38	5.37
19/8/21	5.07						5.70	3.77	4.76	21/8/21	8.81								6.41	7.78	6.94	24/8/21	4.60								5.38	5.23	5.18
19/8/21	4.98						4.84	4.00	4.99	21/8/21	9.11								8.23	7.81	7.35	24/8/21	4.68								5.59	5.29	5.04
19/8/21	4.92						4.92	4.98	5.11	21/8/21	9.41								8.53	8.19	7.96	24/8/21	4.80								5.60	5.33	5.30
19/8/21	5.24						5.31	5.05	5.15	21/8/21	9.25								9.35	8.55	8.19	24/8/21	5.00								5.13	5.51	5.37
19/8/21	5.32						5.30	5.03	5.24	21/8/21	9.37								9.39	8.41	8.42	24/8/21	4.79								5.52	5.10	5.42
19/8/21	5.33						5.40	5.16	5.31	21/8/21	10.40								9.45	8.40	8.26	24/8/21	4.45								5.35	4.88	5.39
19/8/21	5.48						5.57	5.44	5.37	21/8/21	10.70								9.17	8.52	7.66	24/8/21	4.51								5.40	4.90	5.19
19/8/21	5.67						5.55	5.36	5.44	21/8/21	9.96								9.27	8.42	7.33	24/8/21	4.53								5.48	4.89	5.10
19/8/21	6.10						5.35	5.07	5.43	21/8/21	8.87								8.58	7.66	7.48	24/8/21	4.47								5.38	4.49	5.03
19/8/21	6.33						5.28	5.14	5.42	21/8/21	8.51								9.38	8.11	7.75	24/8/21	4.40								5.07	3.91	4.96
19/8/21	6.97						5.41	5.33	5.41	21/8/21	7.86								8.95	8.28	7.60	24/8/21	4.27								4.58	4.45	5.00
19/8/21	7.16						5.49	4.99	5.31	21/8/21	7.49								8.67	7.88	7.26	24/8/21	4.19								4.02	4.45	4.88
19/8/21	6.96						5.74	5.15	5.11	21/8/21	7.22								8.07	7.54	6.96	24/8/21	4.19								3.91	4.56	4.85
19/8/21	6.68						5.98	5.63	6.72	21/8/21	6.75								7.47	6.68	6.79	24/8/21	4.30								3.96	4.72	5.09
19/8/21	7.20						6.04	6.08	6.60	21/8/21	6.24								7.39	6.40	6.53	24/8/21	4.71								4.08	5.30	5.71
19/8/21	7.51						6.20	6.17	6.67	21/8/21	5.32								7.49	6.37	6.35	24/8/21	5.01								4.53	5.68	4.94
19/8/21	7.90						5.67	6.16	6.69	21/8/21	5.42								7.12	6.64	6.09	24/8/21	5.25								4.63	5.34	4.57
19/8/21	8.35						7.33	7.03	6.96	21/8/21	6.07								7.16	6.22	5.89	24/8/21	5.47								4.71	5.19	4.80
19/8/21	8.73						7.93	7.54	7.22	21/8/21	6.49								6.97	6.18	6.04	24/8/21	5.86								4.84	5.02	4.69
19/8/21	8.22						8.07	7.74	7.58	22/8/21	6.80								6.65	6.34	6.04	24/8/21	6.37								4.41	4.64	4.75
19/8/21	9.06						8.62	8.11	7.90	22/8/21	7.23								6.26	5.81	6.16	24/8/21	6.31								4.31	4.24	4.83
19/8/21	9.51						8.87	8.52	9.16	22/8/21	7.55								6.01	5.45	6.18	24/8/21	6.44								4.30	4.42	4.92
19/8/21	10.03						9.52	8.56	9.32	22/8/21	7.37								5.84	5.20	6.06	24/8/21	7.28								4.44	4.24	5.05
19/8/21	10.00						9.99	8.44	7.65	22/8/21	6.65								5.85	5.19	5.80	24/8/21	7.54								4.43	4.35	5.20
19/8/21	9.81						9.94	8.68	7.76	22/8/21	5.79								6.17	5.57	5.60	24/8/21	7.68								4.73	4.75	5.31
19/8/21	9.90						9.83	8.71	6.91	22/8/21	5.16								6.03	5.17	5.46	24/8/21	8.10								6.27	4.74	5.33
19/8/21	9.51						9.37	7.54	6.97	22/8/21	4.75								5.48	4.98	5.68	24/8/21	8.13								7.01	4.68	4.97
19/8/21	9.65						8.73	7.22	6.62	22/8/21	4.36								5.25	5.02	5.64	24/8/21	7.36								7.40	5.07	5.34
19/8/21	9.34						7.42	6.73	6.51	22/8/21	3.75								4.75	5.04	5.07	24/8/21	6.48								7.40	5.13	6.37
19/8/21	9.27						7.51	6.42	6.55	22/8/21	3.46								4.68	4.91	4.75	24/8/21	5.77								7.06	6.06	7.16
19/8/21	8.38						8.02	6.44	6.36	22/8/21	2.94								4.45	4.74	4.09	24/8/21	6.58								6.99	6.37	6.50
19/8/21	8.55						8.28	6.27	6.33	22/8/21	3.33								4.67	4.38	3.73	24/8/21	7.25								6.85	6.68	6.86
19/8/21	8.72						8.07	6.20	5.28	22/8/21	3.91								4.64	4.36	2.79	24/8/21	8.08								8.06	7.13	7.72
19/8/21	8.51						7.74	6.08	5.85	22/8/21	4.30								4.36	4.37	3.09	24/8/21	8.58								8.22	6.95	7.99
19/8/21	8.44						7.20	6.10	6.66	22/8/21	4.42								3.83	4.50	3.73	24/8/21	8.34								8.56	7.07	7.92
19/8/21	8.49						6.08	5.92	6.35	22/8/21	4.53								4.32	4.75	4.22	24/8/21	7.99								9.09	6.93	7.84
19/8/21	8.56						6.79	5.24	6.41	22/8/21	4.67								4.51	4.57	4.50	24/8/21	7.72								8.93	6.70	7.27
19/8/21	8.52						7.11	4.89	6.49	22/8/21	5.03								4.51	4.53	4.80	24/8/21	6.72								8.42	6.71	7.13
19/8/21	7.68						7.96	5.18	7.02	22/8/21	5.53								4.69	4.77	5.00	24/8/21	7.48								7.60	6.62	7.03
19/8/21	6.56						8.06	5.64	7.37	22/8/21	5.87								4.78	4.52	5.14	24/8/21	7.77								7.14	6.60	6.39
19/8/21	5.66						8.44	6.49	7.96	22/8/21	5.95								4.73	5.04	5.22	24/8/21	7.51								7.13	6.21	7.12
19/8/21	5.20						8.72	6.34	6.62	22/8/21	6.03								4.81	5.13	5.18	24/8/21	7.44								7.20	6.34	7.01
19/8/21																																	

	PNC1			ENC1		ENC2	ENCA	PC1	EC	PC2		PNC1			ENC1		ENC2	ENCA	PC1	EC	PC2		PNC1			ENC1		ENC2	ENCA	PC1	EC	PC2	
data	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	data	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	data	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	
26/8/21	4.19							5.73	5.42	6.35	28/8/21	5.65							5.45	5.91	4.92	30/8/21	5.25								6.77	6.66	5.30
26/8/21	4.03							5.37	4.70	6.23	28/8/21	5.70							5.42	5.95	5.75	31/8/21	5.50								6.50	6.32	4.21
26/8/21	3.82							5.12	5.32	5.88	28/8/21	5.69							5.78	6.40	6.90	31/8/21	5.43								6.24	6.06	4.31
26/8/21	3.74							4.53	5.59	5.62	28/8/21	5.96							6.03	7.84	7.53	31/8/21	5.07								6.21	5.76	4.98
26/8/21	3.35							3.99	5.52	5.52	28/8/21	6.04							6.27	7.34	7.69	31/8/21	5.19								5.94	5.65	5.77
26/8/21	4.09							4.24	5.74	6.11	28/8/21	6.66							7.38	7.47	7.62	31/8/21	5.83								5.88	5.58	6.34
26/8/21	4.38							4.40	6.42	6.29	28/8/21	6.74							7.82	8.21	8.01	31/8/21	5.73								6.06	5.74	6.77
26/8/21	4.94							4.60	7.10	5.78	28/8/21	6.93							8.03	8.09	7.94	31/8/21	6.18								5.56	6.02	6.72
26/8/21	5.33							4.80	6.94	5.18	28/8/21	7.09							7.96	8.10	8.02	31/8/21	6.13								5.67	6.09	6.55
26/8/21	5.91							4.81	6.80	5.24	28/8/21	6.79							7.86	7.81	7.90	31/8/21	5.88								5.54	6.22	6.24
26/8/21	5.86							4.59	6.20	5.17	28/8/21	6.66							8.01	7.06	7.95	31/8/21	5.32								5.59	6.32	5.98
26/8/21	5.86							4.99	5.38	5.46	28/8/21	6.55							7.94	6.65	7.66	31/8/21	5.44								5.90	6.28	6.02
26/8/21	6.44							5.20	5.00	5.59	28/8/21	5.83							7.57	6.21	7.14	31/8/21	5.50								6.28	6.26	5.93
26/8/21	6.87							5.36	4.91	5.80	28/8/21	5.13							7.54	6.34	6.70	31/8/21	5.63								6.30	6.23	5.84
26/8/21	7.53							5.27	5.01	5.89	28/8/21	4.73							7.57	6.32	6.67	31/8/21	5.35								6.09	6.21	5.51
26/8/21	8.25							5.28	5.59	6.15	28/8/21	4.61							7.68	6.14	6.56	31/8/21	5.48								6.09	6.17	5.17
26/8/21	8.56							7.49	5.71	6.25	28/8/21	4.23							7.15	5.81	6.37	31/8/21	5.73								6.02	6.17	5.75
26/8/21	8.11							8.15	5.43	6.26	28/8/21	4.64							6.73	5.23	6.35	31/8/21	5.86								6.25	6.14	5.03
26/8/21	8.11							8.27	6.21	6.15	28/8/21	4.78							6.56	5.15	6.49	31/8/21	5.95								6.03	6.10	4.99
26/8/21	8.39							7.69	6.10	6.07	28/8/21	4.76							6.49	5.52	6.68	31/8/21	6.40								6.12	6.17	5.34
26/8/21	8.54							7.42	6.02	6.31	29/8/21	4.79							6.18	5.93	6.70	31/8/21	6.58								6.09	6.25	5.70
26/8/21	9.57							7.45	6.18	6.77	29/8/21	4.74							6.20	6.57	6.74	31/8/21	6.93								6.14	6.19	5.71
26/8/21	9.59							7.53	7.62	7.52	29/8/21	4.71							6.17	6.64	6.71	31/8/21	7.03								5.97	6.27	5.43
26/8/21	9.53							8.33	7.23	7.90	29/8/21	5.02							6.19	6.71	6.69	31/8/21	6.74								5.98	6.47	6.08
26/8/21	9.20							8.06	7.45	8.20	29/8/21	5.19							6.41	6.82	6.57	31/8/21	6.74								5.80	5.51	6.19
26/8/21	8.39							7.89	7.63	7.97	29/8/21	5.00							6.62	6.83	6.29	31/8/21	7.19								5.94	6.77	6.05
26/8/21	7.86							7.74	7.53	7.75	29/8/21	4.85							6.92	6.80	5.83	31/8/21	7.02								5.99	6.62	6.18
26/8/21	7.94							7.92	7.33	7.34	29/8/21	4.91							6.80	6.67	5.97	31/8/21	7.77								6.06	6.87	5.88
26/8/21	7.23							7.60	6.93	6.94	29/8/21	4.78							6.88	6.38	6.14	31/8/21	7.99								6.17	6.70	5.85
26/8/21	7.43							7.44	6.62	6.58	29/8/21	4.54							7.15	5.98	6.20	31/8/21	8.30								6.26	6.64	6.31
26/8/21	7.02							6.95	6.16	6.24	29/8/21	4.42							6.73	5.36	6.12	31/8/21	8.95								6.21	6.61	6.21
26/8/21	6.72							6.68	6.18	6.02	29/8/21	4.30							6.23	5.05	6.06	31/8/21	9.09								6.06	6.62	6.08
26/8/21	6.68							6.22	6.21	5.04	29/8/21	4.04							6.29	4.87	5.89	31/8/21	9.39								6.10	6.41	6.14
26/8/21	7.05							5.75	5.95	5.51	29/8/21	4.34							5.66	4.83	5.81	31/8/21	9.37								6.05	6.35	6.12
26/8/21	6.98							5.27	5.91	5.87	29/8/21	4.24							5.01	4.93	5.88	31/8/21	9.46								5.90	6.49	6.09
26/8/21	6.79							5.48	5.90	6.20	29/8/21	4.04							5.52	5.41	6.02	31/8/21	10.57								6.03	6.71	7.09
26/8/21	6.63							5.89	6.35	6.20	29/8/21	4.51							5.74	5.55	5.88	31/8/21	10.01								6.27	6.52	8.00
26/8/21	6.38							5.89	6.80	6.11	29/8/21	5.37							5.94	5.28	5.53	31/8/21	9.73								6.49	7.61	8.35
26/8/21	6.10							6.07	6.76	6.11	29/8/21	5.58							6.04	5.22	5.42	31/8/21	8.57								7.61	8.15	9.31
27/8/21	6.28							6.02	6.64	6.16	29/8/21	5.29							5.99	5.43	5.58	31/8/21	8.57								8.74	7.81	9.93
27/8/21	6.27							5.63	6.31	6.20	29/8/21	6.29							5.90	5.36	5.64	31/8/21	8.52								9.67	7.93	10.04
27/8/21	5.98							5.63	6.41	6.14	29/8/21	6.82							5.86	5.19	5.69	31/8/21	7.92								9.57	8.23	9.94
27/8/21	5.92							5.54	6.58	5.61	29/8/21	6.90							5.81	5.51	5.75	31/8/21	8.06								9.08	8.79	9.20
27/8/21	6.12							6.32	6.35	5.68	29/8/21	7.66							5.94	5.73	5.78	31/8/21	8.07								8.62	8.63	10.12
27/8/21	6.08							6.32	6.29	5.98	29/8/21	7.42							6.09	5.96	5.87	31/8/21	7.96								8.05	8.41	8.56
27/8/21	6.04							6.21	5.91	5.84	29/8/21	8.91							5.94	6.03	5.90	31/8/21	7.90								8.24	7.99	7.11
27/8/21	5.87							5.94	5.44	5.43	29/8/21	9.50							6.14	6.10	5.94	31/8/21	7.58								8.13	7.55	7.34
27/8/21	5.57							5.81	5.06	5.83	29/8/21	10.35							6.40	6.24	5.96	31/8/21	6.08								8.05	7.08	7.10
27/8/21	5.25							5.20	5.02	5.58	29/8/21	10.68							6.78	6.39	6.03	31/8/21	6.03								7.69	8.62	6.81
27/8/21	4.86							5.54	4.88	5.47	29/8/21	10.93							7.01	6.31	5.97	1/9/21	6.02								7.29	6.66	6.32
27/8/21	4.85							5.58	5.05	5.25	29/8/21	9.14							6.92	6.42	5.49	1/9/21	5.93								7.25	6.32	5.73
27/8/21	4.64							5.42	4.76	5.24	29/8/21	9.57							7.30	6.50	5.58	1/9/21	5.70								6.74	6.05	5.96
27/8/21	4.49							5.30	4.72	5.13	29/8/21	9.01							7.39	6.41	6.63	1/9/21	5.45										

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	
2/9/21	5.20							6.14	6.65	6.08	4/9/21	9.06								9.05	8.89	8.92	7/9/21	4.33							5.64	5.42	6.50
2/9/21	6.00							6.02	6.52	5.86	4/9/21	8.78								8.76	8.42	8.55	7/9/21	4.17							5.65	5.20	6.33
2/9/21	6.26							6.16	6.43	5.74	4/9/21	8.96								8.11	8.25	8.16	7/9/21	3.66							5.70	5.19	5.91
2/9/21	6.89							6.12	6.38	5.77	4/9/21	8.39								7.97	7.98	7.77	7/9/21	3.85							5.39	5.26	5.45
2/9/21	8.05							6.36	6.40	7.07	4/9/21	7.21								7.62	7.51	7.38	7/9/21	3.47							5.17	5.16	5.08
2/9/21	8.95							6.64	7.13	7.08	4/9/21	8.24								7.54	7.24	6.97	7/9/21	4.47							5.47	5.21	4.99
2/9/21	9.05							6.69	7.46	7.85	4/9/21	8.06								7.47	7.23	6.63	7/9/21	4.61							5.32	5.32	5.05
2/9/21	8.30							6.53	8.23	7.88	4/9/21	8.58								7.29	7.12	6.15	7/9/21	4.78							4.98	5.38	6.31
2/9/21	9.77							7.34	9.20	8.38	4/9/21	8.77								7.40	7.00	5.93	7/9/21	5.28							4.87	5.52	5.53
2/9/21	10.00							7.57	10.09	9.41	4/9/21	7.29								7.17	6.86	6.51	7/9/21	6.32							5.37	5.46	5.73
2/9/21	9.44							7.80	10.47	11.44	4/9/21	6.16								6.65	6.73	6.69	7/9/21	6.77							5.37	5.28	5.70
2/9/21	9.12							7.88	10.57	13.43	5/9/21	6.10								6.47	6.32	6.69	7/9/21	7.38							5.40	5.41	5.92
2/9/21	10.04							8.67	10.50	15.27	5/9/21	5.74								6.58	6.16	6.99	7/9/21	7.78							5.38	5.51	6.03
2/9/21	11.51							8.77	10.85	15.58	5/9/21	5.10								6.29	6.20	7.17	7/9/21	8.10							5.27	5.53	6.00
2/9/21	12.12							9.38	10.96	14.91	5/9/21	4.84								6.39	6.54	7.08	7/9/21	8.16							5.33	5.92	5.93
2/9/21	11.65							8.89	10.84	11.55	5/9/21	4.77								6.33	6.19	6.83	7/9/21	7.24							6.18	5.77	5.90
2/9/21	11.26							9.67	11.25	10.28	5/9/21	4.45								5.85	6.16	6.87	7/9/21	8.35							7.26	6.21	5.78
2/9/21	10.73							9.50	10.99	9.89	5/9/21	4.39								5.57	5.63	6.68	7/9/21	8.26							7.50	6.35	5.21
2/9/21	9.32							9.27	9.99	9.34	5/9/21	3.99								5.66	5.45	6.49	7/9/21	7.24							7.43	6.31	6.36
2/9/21	8.35							9.15	8.55	10.03	5/9/21	3.72								5.18	5.21	5.98	7/9/21	6.74							7.11	6.88	6.52
2/9/21	9.07							8.81	8.54	9.09	5/9/21	3.79								5.03	5.09	5.78	7/9/21	7.13							6.86	7.03	6.89
2/9/21	8.41							8.14	8.61	8.28	5/9/21	3.53								3.86	4.63	5.48	7/9/21	7.50							6.64	7.86	7.19
2/9/21	9.22							7.40	8.32	8.28	5/9/21	3.52								5.00	4.45	4.91	7/9/21	8.20							7.61	8.08	7.64
2/9/21	10.32							7.68	7.82	9.25	5/9/21	4.04								5.30	4.20	5.11	7/9/21	8.32							7.84	8.08	7.95
2/9/21	11.34							7.84	7.70	9.92	5/9/21	3.82								4.72	4.02	5.43	7/9/21	8.12							8.09	8.24	8.39
2/9/21	11.47							7.79	7.34	9.94	5/9/21	3.98								4.77	4.83	6.02	7/9/21	7.92							8.22	8.33	8.18
2/9/21	11.60							7.40	6.77	9.22	5/9/21	4.64								5.15	5.14	6.06	7/9/21	7.89							8.25	8.60	8.27
2/9/21	10.75							7.15	7.88	8.73	5/9/21	4.87								5.14	5.35	6.13	7/9/21	7.51							8.05	8.48	8.10
2/9/21	8.70							7.38	8.17	8.19	5/9/21	5.78								5.15	5.49	6.24	7/9/21	8.21							7.74	8.52	7.66
2/9/21	7.44							7.06	7.76	7.58	5/9/21	6.32								5.25	5.57	6.35	7/9/21	9.24							8.13	8.32	6.59
2/9/21	6.66							7.09	7.57	7.72	5/9/21	6.47								5.27	5.78	6.23	7/9/21	9.11							7.48	7.65	6.45
3/9/21	6.05							6.96	7.13	7.51	5/9/21	6.87								5.25	5.88	6.20	7/9/21	8.65							7.17	7.62	7.91
3/9/21	5.71							6.40	6.65	7.47	5/9/21	7.16								5.35	5.80	6.12	7/9/21	8.03							7.74	7.88	8.30
3/9/21	5.29							5.95	6.24	7.63	5/9/21	7.34								4.92	5.72	6.01	7/9/21	8.04							8.36	7.85	8.20
3/9/21	5.05							6.01	5.69	6.78	5/9/21	7.66								5.69	6.22	5.47	7/9/21	8.07							8.09	7.96	7.61
3/9/21	4.76							5.76	5.09	6.23	5/9/21	7.29								5.89	6.29	6.52	7/9/21	7.79							7.69	7.95	7.29
3/9/21	4.55							5.44	4.51	5.48	5/9/21	6.99								6.23	6.85	6.85	7/9/21	6.79							7.39	7.30	7.11
3/9/21	4.27							5.04	4.14	5.01	5/9/21	7.06								6.51	7.84	7.23	7/9/21	6.81							7.45	7.44	6.97
3/9/21	4.43							5.54	3.89	4.62	5/9/21	7.30								6.45	7.94	7.70	7/9/21	6.87							7.33	6.91	6.70
3/9/21	4.16							5.27	4.14	5.08	5/9/21	8.04								7.20	8.23	8.44	7/9/21	7.08							7.20	6.92	6.25
3/9/21	3.82							4.75	4.68	5.79	5/9/21	8.08								7.29	8.72	9.22	8/9/21	7.37							6.88	6.81	6.09
3/9/21	3.82							4.75	5.35	6.37	5/9/21	8.12								7.98	8.91	9.46	8/9/21	7.93							7.12	6.69	5.63
3/9/21	3.87							5.56	5.67	6.97	5/9/21	8.19								8.22	8.84	9.97	8/9/21	7.83							6.36	6.54	6.21
3/9/21	4.00							5.81	5.69	6.83	5/9/21	8.29								7.72	9.48	9.37	8/9/21	6.66							6.12	6.23	6.45
3/9/21	4.07							6.36	5.93	6.50	5/9/21	8.86								7.32	9.32	9.68	8/9/21	6.99							6.62	5.90	6.28
3/9/21	4.40							6.38	6.37	6.48	5/9/21	9.87								7.14	9.55	9.34	8/9/21	7.00							6.32	5.83	6.17
3/9/21	4.85							6.42	6.44	6.28	5/9/21	10.34								7.34	9.76	8.29	8/9/21	6.60							6.41	5.88	6.41
3/9/21	5.68							6.25	6.63	6.07	5/9/21	9.96								7.26	9.07	8.70	8/9/21	6.43							6.21	5.59	6.26
3/9/21	5.96							6.24	6.59	5.95	5/9/21	9.61								8.41	9.04	9.96	8/9/21	6.18							5.86	5.30	6.05
3/9/21	6.32							6.19	6.56	6.01	5/9/21	9.40								8.65	8.83	9.50	8/9/21	5.80							5.42	5.40	6.07
3/9/21	6.76							6.22	6.53	5.94	5/9/21	9.10								8.47	8.62	9.20	8/9/21	5.35							5.44	5.44	6.09
3/9/21	7.27							6.13	6.43	5.79	5/9/21	8.94								8.11	8.33	8.72	8/9/21	4.90							5.17	5.49	5.79
3/9/21	7.76							6.16	6.28	5.99	5/9/21	8.64								7.56	7.98	8.3											

	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2		PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2		PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
data	ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9	data	ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9	data	ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9
	mg/l	mg/l	mg/l	mg/l	mg/l		mg/l	mg/l				mg/l	mg/l		mg/l	mg/l		mg/l	mg/l				mg/l	mg/l		mg/l	mg/l		mg/l	mg/l		
9/9/21	10.43							7.73	6.30	5.26	11/9/21	9.08							6.68	6.62	6.93	14/9/21	4.33							5.70	6.27	4.06
9/9/21	10.68							7.55	6.22	5.95	11/9/21	7.73							6.68	6.43	6.97	14/9/21	4.60							5.84	6.30	4.38
9/9/21	10.73							7.51	6.82	6.44	12/9/21	7.58							6.54	6.24	6.70	14/9/21	4.84							5.82	6.28	4.69
9/9/21	11.55							7.51	6.98	6.44	12/9/21	5.82							6.43	6.27	6.53	14/9/21	5.64							5.79	6.25	4.75
9/9/21	11.85							7.95	7.64	6.83	12/9/21	6.02							6.45	6.42	6.50	14/9/21	6.10							5.67	6.31	4.43
9/9/21	10.76							8.41	7.93	7.36	12/9/21	5.26							6.44	6.29	6.40	14/9/21	5.78							5.66	6.49	4.85
9/9/21	9.03							8.16	8.10	7.86	12/9/21	4.47							6.49	6.27	5.95	14/9/21	4.71							5.75	6.75	5.09
9/9/21	8.48							7.91	8.08	8.15	12/9/21	5.51							6.46	6.38	5.39	14/9/21	6.77							5.88	6.40	4.30
9/9/21	7.84							8.08	7.85	7.93	12/9/21	5.21							6.20	6.45	5.71	14/9/21	6.48							5.93	5.86	4.03
9/9/21	7.81							7.95	8.08	7.78	12/9/21	4.52							6.03	6.34	6.16	14/9/21	7.79							5.88	5.58	4.63
9/9/21	6.32							7.51	8.16	7.32	12/9/21	4.51							6.08	5.91	6.22	14/9/21	8.72							5.72	5.89	6.36
9/9/21	7.23							7.50	8.26	6.89	12/9/21	4.20							5.85	5.35	6.22	14/9/21	7.44							5.83	8.30	8.97
9/9/21	8.05							6.88	8.00	6.17	12/9/21	4.30							5.46	5.06	6.09	14/9/21	6.87							6.05	9.17	9.06
9/9/21	9.61							6.73	7.74	6.34	12/9/21	4.21							5.18	5.01	5.72	14/9/21	7.82							6.88	7.84	7.58
9/9/21	10.95							6.99	6.94	6.72	12/9/21	4.10							5.03	4.74	5.39	14/9/21	8.13							7.05	7.47	7.33
9/9/21	10.88							7.05	7.13	6.98	12/9/21	3.75							4.66	4.24	5.12	14/9/21	8.78							6.94	7.30	7.65
9/9/21	10.85							7.47	7.05	7.23	12/9/21	3.39							4.25	4.16	4.99	14/9/21	9.36							6.30	6.87	7.90
9/9/21	10.34							7.68	7.12	7.10	12/9/21	3.70							3.99	4.66	4.44	14/9/21	9.02							6.15	6.59	9.63
9/9/21	10.16							7.07	7.23	7.13	12/9/21	3.88							4.77	5.08	4.17	14/9/21	8.39							6.50	6.23	11.12
9/9/21	9.84							6.98	7.24	7.19	12/9/21	4.60							4.74	5.19	4.74	14/9/21	8.00							6.71	7.59	11.57
9/9/21	8.97							7.11	7.13	7.06	12/9/21	5.84							4.65	4.91	5.14	14/9/21	7.30							6.90	9.41	9.28
10/9/21	8.30							6.90	7.01	6.68	12/9/21	5.95							4.71	4.51	5.46	14/9/21	8.14							6.80	8.19	9.17
10/9/21	7.73							6.22	6.91	6.37	12/9/21	6.58							4.86	4.37	5.48	14/9/21	7.71							7.21	7.86	9.32
10/9/21	6.63							6.03	6.87	5.89	12/9/21	6.86							4.97	4.61	5.69	14/9/21	7.08							7.27	9.44	7.81
10/9/21	5.24							6.11	6.70	5.96	12/9/21	7.58							5.17	4.99	5.69	14/9/21	6.91							7.94	9.77	7.14
10/9/21	5.16							6.02	6.76	6.50	12/9/21	8.04							5.15	5.28	5.90	14/9/21	6.85							7.66	9.27	6.87
10/9/21	5.16							6.14	6.38	6.62	12/9/21	8.35							5.50	5.63	6.03	14/9/21	7.13							6.92	8.47	6.59
10/9/21	4.73							5.62	6.02	6.42	12/9/21	7.95							5.41	5.74	5.98	14/9/21	6.20							7.00	8.28	6.08
10/9/21	4.51							5.58	5.86	6.29	12/9/21	8.40							5.57	5.98	5.87	14/9/21	6.49							6.72	8.28	5.81
10/9/21	4.35							5.63	5.94	6.31	12/9/21	8.66							6.29	5.82	5.68	14/9/21	5.54							5.80	7.77	5.66
10/9/21	4.23							5.66	5.82	6.14	12/9/21	7.08							7.06	5.82	5.45	14/9/21	6.49							5.30	6.61	5.53
10/9/21	4.32							5.35	5.31	5.95	12/9/21	10.86							7.20	5.86	5.13	15/9/21	5.01							6.45	5.94	5.11
10/9/21	4.23							4.78	4.63	5.81	12/9/21	10.61							7.19	5.95	5.93	15/9/21	6.38							6.04	5.16	3.37
10/9/21	3.69							4.82	4.72	5.64	12/9/21	10.16							7.10	6.11	6.71	15/9/21	5.96							6.27	4.46	2.99
10/9/21	3.46							4.54	4.75	5.51	12/9/21	9.57							7.02	6.78	6.52	15/9/21	5.48							6.42	4.11	3.45
10/9/21	3.88							4.50	5.18	5.44	12/9/21	7.96							7.47	7.35	7.24	15/9/21	5.37							5.86	3.79	4.17
10/9/21	4.68							4.43	5.81	5.15	12/9/21	7.85							7.82	7.64	7.23	15/9/21	4.95							5.83	3.57	4.93
10/9/21	5.12							4.30	5.96	5.02	12/9/21	7.82							8.16	7.73	7.71	15/9/21	4.37							5.66	3.45	5.18
10/9/21	5.78							4.66	5.91	5.07	12/9/21	7.04							7.97	7.40	8.24	15/9/21	4.54							5.82	3.70	5.37
10/9/21	5.96							5.01	5.41	5.36	12/9/21	6.32							8.25	7.26	8.30	15/9/21	3.21							6.04	4.41	5.51
10/9/21	6.42							5.03	5.12	5.49	12/9/21	6.04							8.01	7.30	8.55	15/9/21	4.84							6.19	4.85	5.48
10/9/21	7.78							5.05	5.06	5.79	12/9/21	5.53							8.07	7.04	8.66	15/9/21	5.13							5.83	5.16	5.58
10/9/21	6.30							5.13	5.24	5.68	12/9/21	4.96							7.40	7.18	8.21	15/9/21	4.40							5.48	5.40	5.48
10/9/21	5.33							5.12	5.38	5.56	12/9/21	4.51							6.81	7.12	7.72	15/9/21	3.97							5.76	5.56	5.39
10/9/21	5.84							5.09	5.67	5.44	12/9/21	2.83							6.31	7.04	7.12	15/9/21	3.96							5.68	5.71	5.35
10/9/21	5.76							5.70	5.87	5.30	12/9/21	3.60							6.04	6.72	5.60	15/9/21	3.77							5.56	5.75	5.38
10/9/21	6.02							6.27	5.87	5.30	12/9/21	4.40							6.11	6.21	5.44	15/9/21	4.07							5.84	5.69	5.38
10/9/21	6.15							6.31	6.01	5.56	12/9/21	4.89							5.61	5.74	6.79	15/9/21	4.83							5.55	5.84	5.18
10/9/21	5.74							6.47	6.06	5.74	12/9/21	4.60							6.42	5.80	6.95	15/9/21	4.93							5.22	5.80	5.06
10/9/21	5.75							6.77	6.14	5.30	12/9/21	4.81							6.64	6.18	7.09	15/9/21	4.98							5.25	5.81	4.76
10/9/21	6.66							7.09	6.36	5.69	13/9/21	3.60							6.46	6.23	7.46	15/9/21	4.55							5.17	5.84	5.14
10/9/21	6.62							7.24	7.31	6.49	13/9/21	3.97							6.37	6.16	7.11	15/9/21	4.88							5.33	5.96	6.04
10/9/21	6.55							8.17	7.54	6.85	13/9/21	4.86							6.28	6.16	6.93	15/9/21	5.01							5.39	6.66	6.65
10/9/21	6.41							8.16	7.90	7.39	13/9/21	3.83							6													

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	
16/9/21	3.60							4.66	5.62	4.61	19/9/21	3.73								6.15	5.25	5.93	21/9/21	5.88							6.45	6.29	5.56
16/9/21	3.22							4.47	5.56	4.65	19/9/21	3.91								5.89	5.11	5.71	21/9/21	7.20							6.50	6.95	5.85
16/9/21	2.29							4.47	5.35	4.63	19/9/21	2.74								5.40	5.08	5.17	21/9/21	7.32							6.49	7.51	5.82
16/9/21	3.00							4.42	5.20	4.64	19/9/21	3.73								4.95	4.85	5.24	21/9/21	7.90							6.82	7.70	5.90
16/9/21	3.34							4.56	5.21	4.59	19/9/21	3.48								5.02	4.48	4.69	21/9/21	8.26							7.38	7.91	6.11
16/9/21	3.47							4.73	4.98	4.04	19/9/21	3.41								5.10	4.29	5.24	21/9/21	6.83							7.66	7.80	6.40
16/9/21	3.72							4.34	5.11	4.15	19/9/21	3.52								4.79	4.55	5.45	21/9/21	6.50							7.75	7.78	6.53
16/9/21	4.15							4.59	4.80	4.54	19/9/21	3.28								4.96	4.68	5.45	21/9/21	6.45							7.90	7.88	6.65
16/9/21	3.99							4.31	4.98	4.67	19/9/21	3.27								4.92	4.81	5.27	21/9/21	6.65							8.46	7.84	6.66
16/9/21	3.70							3.95	4.77	4.76	19/9/21	3.41								4.56	4.94	5.18	21/9/21	7.90							8.88	8.30	6.52
16/9/21	3.46							4.74	4.42	4.85	19/9/21	3.47								4.57	4.92	5.15	21/9/21	7.07							8.79	8.33	6.22
16/9/21	3.52							4.80	4.31	5.06	19/9/21	3.58								4.94	5.22	5.07	21/9/21	7.45							8.72	8.22	5.81
17/9/21	3.44							5.50	4.46	4.65	19/9/21	3.66								4.93	5.31	4.93	21/9/21	7.37							9.31	7.70	5.86
17/9/21	3.24							5.48	4.57	4.68	19/9/21	3.79								5.06	5.35	4.90	21/9/21	7.53							9.58	7.36	6.40
17/9/21	3.18							5.05	4.25	4.66	19/9/21	3.39								5.16	5.59	4.78	21/9/21	8.04							9.70	7.49	6.34
17/9/21	2.87							4.79	3.98	4.98	19/9/21	4.07								5.14	6.00	4.66	21/9/21	8.27							9.41	7.62	6.35
17/9/21	2.60							4.62	4.09	4.70	19/9/21	4.91								5.18	6.09	4.77	21/9/21	8.01							8.42	7.83	6.10
17/9/21	3.06							4.51	3.85	4.27	19/9/21	5.67								5.20	6.17	5.21	21/9/21	7.60							7.75	7.55	5.97
17/9/21	3.68							4.42	3.89	4.33	19/9/21	5.92								5.33	6.33	5.74	21/9/21	7.17							7.62	7.42	5.87
17/9/21	2.76							4.05	3.94	4.36	19/9/21	5.81								5.22	6.50	5.62	21/9/21	6.21							7.88	7.01	6.04
17/9/21	3.35							3.75	3.84	4.06	19/9/21	5.97								5.44	6.79	5.72	21/9/21	6.91							7.58	7.03	6.12
17/9/21	3.09							3.63	3.65	3.62	19/9/21	5.80								5.62	6.81	5.83	21/9/21	7.32							7.41	6.80	5.75
17/9/21	2.85							4.23	3.52	3.81	19/9/21	5.43								6.05	7.19	6.01	22/9/21	7.35							7.42	6.69	5.76
17/9/21	2.76							4.02	3.54	4.23	19/9/21	5.90								5.91	6.99	5.98	22/9/21	6.74							7.35	6.63	6.11
17/9/21	2.93							4.04	3.49	4.40	19/9/21	6.06								6.31	6.78	6.27	22/9/21	6.96							7.15	6.50	6.23
17/9/21	2.67							4.15	3.58	4.33	19/9/21	4.74								6.67	6.74	6.36	22/9/21	6.83							7.01	6.16	6.24
17/9/21	2.53							3.67	4.00	4.28	19/9/21	5.92								6.98	6.57	6.40	22/9/21	6.18							7.10	5.98	6.40
17/9/21	2.53							3.88	3.86	4.41	19/9/21	4.67								6.67	6.35	6.24	22/9/21	5.63							6.91	6.11	6.49
17/9/21	2.63							4.08	4.23	4.36	19/9/21	4.85								7.07	6.04	5.44	22/9/21	5.35							6.90	6.24	6.04
17/9/21	2.77							3.99	4.20	4.27	19/9/21	5.16								6.92	5.64	6.11	22/9/21	5.25							6.69	6.01	5.95
17/9/21	2.22							4.06	4.39	4.19	19/9/21	5.31								6.62	6.12	5.98	22/9/21	5.05							6.80	5.73	6.01
17/9/21	3.18							3.96	4.42	4.01	19/9/21	5.21								6.54	6.54	5.98	22/9/21	4.88							6.73	5.70	5.97
17/9/21	3.46							4.04	4.67	3.59	19/9/21	5.16								6.37	6.44	6.11	22/9/21	4.76							6.37	5.77	6.91
17/9/21	4.31							4.22	5.00	3.68	19/9/21	4.98								6.06	6.55	5.94	22/9/21	4.41							6.09	5.69	5.69
17/9/21	4.52							4.39	5.63	3.98	19/9/21	5.11								6.02	6.44	5.94	22/9/21	4.34							6.02	5.52	5.52
17/9/21	4.78							4.22	6.02	4.74	19/9/21	5.41								5.83	6.15	5.78	22/9/21	5.41							5.85	5.44	5.08
17/9/21	4.69							4.16	5.93	5.51	19/9/21	5.56								6.16	6.33	5.55	22/9/21	5.37							5.70	5.41	4.96
17/9/21	4.68							4.28	6.27	5.07	19/9/21	5.38								5.96	6.14	5.43	22/9/21	5.19							5.86	5.31	5.40
17/9/21	5.15							5.11	6.56	5.34	19/9/21	5.49								5.89	5.93	5.25	22/9/21	5.60							6.09	5.46	5.67
17/9/21	5.29							5.15	6.65	5.51	19/9/21	5.70								5.87	6.04	4.65	22/9/21	6.01							6.11	5.79	5.57
17/9/21	5.70							5.70	7.23	5.45	19/9/21	6.21								6.05	6.13	5.20	22/9/21	6.18							5.79	5.77	5.47
17/9/21	5.95							5.41	7.42	5.69	20/9/21	6.02								5.96	5.69	5.47	22/9/21	6.45							5.79	5.81	5.47
17/9/21	6.20							6.56	7.06	5.94	20/9/21	6.04								5.70	5.68	5.38	22/9/21	6.65							5.78	5.83	5.90
17/9/21	5.91							6.84	6.83	6.86	20/9/21	5.63								5.80	5.50	5.54	22/9/21	6.68							5.73	5.95	5.91
17/9/21	6.20							6.95	6.64	7.00	20/9/21	5.11								5.80	5.39	5.46	22/9/21	7.07							5.66	6.07	5.85
17/9/21	5.67							8.02	6.67	5.56	20/9/21	4.87								5.60	5.33	5.83	22/9/21	7.08							6.13	5.95	5.87
17/9/21	6.96							8.32	6.78	6.55	20/9/21	4.64								5.71	5.27	5.78	22/9/21	7.28							6.49	6.20	5.65
17/9/21	7.63							7.78	7.26	6.81	20/9/21	4.48								5.64	5.11	5.52	22/9/21	7.70							7.19	6.36	5.42
17/9/21	7.62							7.31	6.92	6.08	20/9/21	4.42								5.53	4.81	5.43	22/9/21	8.66							7.37	6.28	5.71
17/9/21	7.79							6.78	6.79	5.51	20/9/21	4.46								5.35	4.77	5.31	22/9/21	6.98							7.35	6.80	6.61
17/9/21	7.69							6.45	6.64	5.72	20/9/21	4.20								5.35	4.76	5.39	22/9/21	6.65							7.39	7.35	7.01
17/9/21	6.85							6.28	6.28	5.37	20/9/21	3.68								5.38	4.75	5.30	22/9/21	8.39							7.23	7.91	6.63
17/9/21	6.																																

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	
23/9/21	6.70							8.03	7.18	6.80	26/9/21	4.43								5.62	4.54	5.62	28/9/21	9.95							8.07	6.25	6.25
23/9/21	6.54							7.21	7.34	6.82	26/9/21	4.66								5.52	4.83	5.68	28/9/21	9.91							7.94	6.17	6.17
23/9/21	6.24							7.23	7.25	6.78	26/9/21	5.35								5.62	5.07	5.72	28/9/21	10.10							7.86	6.13	6.13
24/9/21	5.99							7.42	7.35	6.62	26/9/21	5.78								5.72	5.53	5.72	28/9/21	10.62							7.75	6.35	6.35
24/9/21	6.53							7.41	7.28	6.31	26/9/21	6.48								5.71	5.96	5.66	28/9/21	9.51							7.70	6.80	6.80
24/9/21	6.61							7.08	7.19	6.06	26/9/21	7.11								5.91	6.13	5.73	28/9/21	9.91							7.86	6.04	6.04
24/9/21	6.58							6.69	7.05	5.98	26/9/21	7.41								6.06	6.38	5.76	28/9/21	7.75							7.52	5.30	5.30
24/9/21	5.93							6.34	6.89	6.44	26/9/21	7.41								6.05	6.28	5.79	28/9/21	5.83							7.11	6.57	6.57
24/9/21	5.77							6.26	6.43	6.46	26/9/21	7.48								6.11	6.35	5.79	28/9/21	4.77							6.98	6.71	6.71
24/9/21	5.62							6.13	6.36	6.38	26/9/21	8.43								6.11	6.33	5.85	28/9/21	5.35							6.89	6.10	6.10
24/9/21	5.66							6.29	6.33	6.42	26/9/21	8.22								6.03	6.37	5.80	28/9/21	5.57							6.48	5.68	5.68
24/9/21	5.62							6.07	5.97	6.33	26/9/21	7.31								6.12	7.16	5.81	28/9/21	7.40							6.48	5.22	5.22
24/9/21	5.47							6.13	5.26	6.24	26/9/21	6.98								6.11	7.43	6.08	28/9/21	6.78							6.61	5.06	5.06
24/9/21	5.33							5.87	5.03	6.05	26/9/21	6.68								6.01	7.00	6.26	29/9/21	8.86							6.92	5.53	5.53
24/9/21	4.09							5.92	4.98	5.98	26/9/21	6.85								6.14	6.71	6.38	29/9/21	8.27							7.29	6.08	6.08
24/9/21	4.91							5.74	4.83	6.03	26/9/21	6.71								7.20	6.71	6.09	29/9/21	7.28							7.56	5.28	5.28
24/9/21	4.93							5.62	4.72	5.34	26/9/21	6.40								7.74	6.76	6.45	29/9/21	8.83							7.97	4.69	4.69
24/9/21	4.61							5.50	4.79	5.25	26/9/21	6.35								7.40	6.77	6.40	29/9/21	8.19							7.60	4.57	4.57
24/9/21	4.79							5.53	4.84	5.27	26/9/21	6.32								7.02	6.91	6.36	29/9/21	6.70							7.05	4.50	4.50
24/9/21	5.90							5.41	4.95	5.63	26/9/21	6.09								7.14	6.94	6.31	29/9/21	4.89							6.80	4.50	4.50
24/9/21	5.77							5.59	5.17	5.72	26/9/21	5.46								6.97	6.80	6.26	29/9/21	4.37							6.83	4.62	4.62
24/9/21	5.73							5.89	5.46	5.80	26/9/21	5.49								6.80	6.42	6.28	29/9/21	4.14							6.88	4.70	4.70
24/9/21	6.52							5.77	5.77	5.72	26/9/21	4.96								6.70	5.92	6.36	29/9/21	4.26							6.91	4.61	4.61
24/9/21	6.55							5.75	6.09	5.91	26/9/21	5.38								6.69	5.63	5.73	29/9/21	3.85							6.92	4.63	4.63
24/9/21	7.06							5.97	6.27	5.88	26/9/21	5.36								6.48	5.67	5.16	29/9/21	3.83							6.91	4.09	4.09
24/9/21	6.99							5.88	6.29	5.77	26/9/21	4.86								6.75	5.57	5.33	29/9/21	4.05							6.87	2.97	2.97
24/9/21	7.50							6.19	6.31	5.61	26/9/21	5.43								6.67	5.24	5.41	29/9/21	3.80							6.63	3.21	3.21
24/9/21	7.60							6.66	6.29	5.59	26/9/21	5.33								6.79	5.09	5.44	29/9/21	4.01							6.46	4.16	4.16
24/9/21	7.32							6.98	6.39	5.58	26/9/21	5.53								6.67	5.26	5.40	29/9/21	3.96							6.20	4.27	4.27
24/9/21	9.01							6.96	6.40	5.46	26/9/21	5.45								6.58	5.33	5.66	29/9/21	3.78							6.51	4.31	4.31
24/9/21	9.18							7.18	6.70	5.70	26/9/21	5.49								6.87	5.60	5.78	29/9/21	4.02							6.28	4.44	4.44
24/9/21	9.10							7.11	7.32	6.30	26/9/21	5.15								6.37	5.91	5.57	29/9/21	4.04							6.24	4.51	4.51
24/9/21	7.90							7.15	7.26	6.63	27/9/21	4.79								6.16	6.22	5.51	29/9/21	4.47							6.26	4.42	4.42
24/9/21	6.44							7.62	7.56	6.86	27/9/21	5.24								6.12	6.27	5.61	29/9/21	4.68							5.96	4.42	4.42
24/9/21	6.14							7.79	7.92	6.91	27/9/21	4.70								6.25	6.23	5.52	29/9/21	5.29							6.13	4.54	4.54
24/9/21	6.40							8.02	8.30	6.95	27/9/21	4.74								6.23	6.24	5.46	29/9/21	5.55							6.10	4.46	4.46
24/9/21	6.85							8.10	8.35	7.09	27/9/21	4.72								6.15	6.23	5.43	29/9/21	6.78							6.26	4.53	4.53
24/9/21	6.68							8.02	8.27	7.30	27/9/21	4.72								6.07	6.21	5.46	29/9/21	7.74							6.21	4.80	4.80
24/9/21	6.35							7.85	8.25	7.42	27/9/21	5.92								5.99	6.13	5.52	29/9/21	9.01							6.47	4.86	4.86
24/9/21	5.72							7.73	8.16	7.44	27/9/21	6.31								5.94	5.70	5.33	29/9/21	7.84							6.54	5.18	5.18
24/9/21	5.59							7.57	8.27	7.41	27/9/21	5.99								5.87	5.49	5.70	29/9/21	8.37							6.62	6.15	6.15
24/9/21	6.08							7.37	7.86	7.09	27/9/21	5.62								5.84	5.37	5.83	29/9/21	9.72							7.00	6.53	6.53
24/9/21	6.26							7.88	7.74	6.65	27/9/21	5.54								5.64	5.30	5.74	29/9/21	9.95							7.56	6.93	6.93
24/9/21	6.12							8.19	7.35	5.95	27/9/21	5.33								5.64	5.15	5.64	29/9/21	9.97							8.60	7.35	7.35
24/9/21	6.20							7.57	6.96	6.07	27/9/21	5.14								5.43	4.93	5.28	29/9/21	10.62							8.41	7.30	7.30
24/9/21	7.10							7.82	6.79	7.10	27/9/21	5.08								5.57	4.60	5.31	29/9/21	10.85							9.07	7.40	7.40
24/9/21	7.04							7.89	6.79	7.15	27/9/21	4.74								5.62	4.29	5.03	29/9/21	10.47							9.37	6.82	6.82
24/9/21	6.82							8.25	6.79	7.28	27/9/21	5.28								5.43	3.87	5.09	29/9/21	9.87							8.86	6.25	6.25
24/9/21	6.13							8.60	7.02	6.99	27/9/21	5.16								5.00	3.81	4.84	29/9/21	9.32							8.61	6.01	6.01
24/9/21	5.50							7.64	7.46	6.89	27/9/21	4.91								4.95	3.84	4.75	29/9/21	8.83							8.75	5.92	5.92
24/9/21	4.95							7.46	7.52	6.89	27/9/21	5.41								4.80	3.95	4.72	29/9/21	8.28							8.44	5.86	5.86
25/9/21	4.98							7.61	7.55	6.80	27/9/21	5.47								4.66	4.22	5.08	29/9/21	8.15							7.90	5.91	5.91
25/9/21																																	

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2			
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l			
1/10/21	5,70							6,04	4,80	4,27	3/10/21	8,70							7,34	8,28	7,28	5/10/21	5,58								6,11	6,58	5,50		
1/10/21	5,69							5,83	4,84	4,77	3/10/21	8,76							7,45	8,94	7,14	5/10/21	5,83								6,18	6,52	5,39		
1/10/21	5,68							5,99	5,05	4,94	3/10/21	8,93							7,37	9,19	7,31	5/10/21	5,96								6,11	6,54	5,29		
1/10/21	5,64							6,03	5,41	5,13	3/10/21	9,16							7,97	9,39	7,50	5/10/21	6,01								6,06	6,59	4,92		
1/10/21	5,63							6,15	5,43	5,17	3/10/21	9,24							8,36	9,51	7,79	6/10/21	6,09								5,84	6,38	5,04		
1/10/21	5,68							5,84	5,58	5,05	3/10/21	9,03							8,94	9,70	7,84	6/10/21	6,34								5,74	6,23	5,86		
1/10/21	5,62							5,66	5,52	5,21	3/10/21	9,12							9,78	10,00	7,76	6/10/21	6,10								5,59	6,03	5,85		
1/10/21	5,68							5,57	5,67	5,33	3/10/21	9,38							10,71	9,79	7,65	6/10/21	5,92								5,56	5,84	5,89		
1/10/21	5,64							5,56	5,85	5,40	3/10/21	9,56							10,74	9,39	7,43	6/10/21	5,73								5,55	5,73	5,71		
1/10/21	5,62							5,81	5,95	5,44	3/10/21	9,99							10,51	8,72	7,42	6/10/21	5,64								5,66	5,79	5,62		
1/10/21	5,91							5,81	6,01	5,41	3/10/21	9,51							10,93	8,87	7,43	6/10/21	5,61								6,26	5,75	5,65		
1/10/21	6,41							5,67	6,10	5,38	3/10/21	9,81							10,97	9,54	7,40	6/10/21	5,53								5,95	5,41	5,53		
1/10/21	6,60							5,65	6,13	5,34	3/10/21	10,20							10,42	9,47	7,32	6/10/21	5,26								5,73	5,26	5,22		
1/10/21	6,55							5,63	6,19	5,33	3/10/21	10,26							9,77	9,29	7,19	6/10/21	5,19								5,51	5,32	5,31		
1/10/21	6,71							5,65	6,17	5,46	3/10/21	9,87							9,00	8,76	7,09	6/10/21	5,14								5,42	5,09	4,74		
1/10/21	6,98							5,70	6,50	5,87	3/10/21	9,59							8,68	8,24	7,07	6/10/21	4,99								5,32	4,98	4,51		
1/10/21	6,84							5,79	6,97	6,17	3/10/21	9,47							8,37	7,97	7,01	6/10/21	4,80								5,07	4,70	4,03		
1/10/21	6,69							5,90	6,61	6,51	3/10/21	9,16							8,30	7,69	6,90	6/10/21	5,05								4,97	4,47	4,29		
1/10/21	7,19							6,37	7,64	6,48	3/10/21	8,98							8,31	7,42	6,74	6/10/21	4,99								5,07	4,50	4,73		
1/10/21	7,39							7,10	8,89	6,48	3/10/21	8,92							8,51	7,27	6,64	6/10/21	4,90								5,37	4,78	4,80		
1/10/21	7,73							6,97	9,06	6,62	3/10/21	9,43							8,80	7,01	6,56	6/10/21	4,90								5,36	4,94	4,85		
1/10/21	8,89							7,16	8,66	6,79	3/10/21	9,21							8,61	6,83	6,64	6/10/21	4,93								5,36	5,16	5,08		
1/10/21	9,38							7,56	8,44	6,76	3/10/21	9,03							8,08	6,73	6,54	6/10/21	5,06								6,15	5,38	5,22		
1/10/21	9,90							8,18	8,61	6,97	4/10/21	9,20							8,17	6,61	6,92	6/10/21	5,15								6,24	5,28	5,41		
1/10/21	9,89							8,62	8,74	7,05	4/10/21	9,10							9,10	6,36	7,03	6/10/21	5,30								6,24	5,00	5,73		
1/10/21	10,60							8,99	8,86	7,03	4/10/21	8,38							8,38	7,99	6,38	7,06	6/10/21	5,47								6,10	3,93	5,62	
1/10/21	9,27							9,96	8,96	6,88	4/10/21	6,87							6,87	8,10	6,54	6,92	6/10/21	5,43								6,02	4,90	5,71	
1/10/21	9,72							10,25	9,24	6,89	4/10/21	6,23							6,23	7,81	6,79	6,74	6/10/21	5,96								5,89	4,76	5,89	
1/10/21	10,49							10,66	9,66	6,64	4/10/21	6,05							6,05	7,46	6,94	6,66	6/10/21	6,36								5,58	4,74	5,99	
1/10/21	10,33							10,15	9,72	6,70	4/10/21	6,06							6,06	7,22	6,83	6,58	6/10/21	6,55									4,83	6,51	4,96
1/10/21	10,11							9,51	8,77	6,30	4/10/21	5,96							5,96	7,05	6,86	6,44	6/10/21	5,66									4,90	6,64	5,49
1/10/21	9,55							9,26	8,64	6,26	4/10/21	5,86							5,86	6,82	6,72	6,27	6/10/21	6,01									5,03	6,52	5,80
1/10/21	9,82							8,92	8,06	6,18	4/10/21	5,60							5,60	6,81	6,50	5,92	6/10/21	6,14									5,15	6,81	5,95
1/10/21	10,41							8,22	7,60	6,12	4/10/21	5,89							5,89	6,51	6,07	5,54	6/10/21	6,27									5,72	6,94	6,07
1/10/21	10,48							7,64	7,35	6,12	4/10/21	5,96							5,96	6,24	5,48	5,20	6/10/21	6,35									6,96	5,65	6,63
1/10/21	10,76							7,20	7,15	5,93	4/10/21	5,98							5,98	6,25	5,40	5,51	6/10/21	6,30									7,23	5,78	5,84
1/10/21	10,50							7,04	7,03	5,56	4/10/21	5,85							5,85	6,43	5,58	5,83	6/10/21	5,79									6,99	5,87	5,46
1/10/21	10,01							7,04	6,95	5,82	4/10/21	5,98							5,98	6,50	6,09	5,83	6/10/21	5,51									5,92	5,80	5,62
1/10/21	8,50							6,95	6,57	5,69	4/10/21	6,22							6,22	6,40	6,29	5,80	6/10/21	4,96									6,22	5,85	5,60
1/10/21	8,45							6,88	6,40	6,10	4/10/21	6,44							6,44	6,32	6,44	5,96	6/10/21	4,55									6,32	5,57	5,62
1/10/21	8,58							7,89	6,55	6,38	4/10/21	6,40							6,40	6,43	6,29	5,93	6/10/21	3,98									6,46	5,05	5,59
1/10/21	7,98							7,94	7,02	6,55	4/10/21	6,44							6,44	6,56	6,43	5,96	6/10/21	4,19									6,44	5,25	5,53
1/10/21	7,50							7,89	7,46	6,11	4/10/21	6,79							6,79	6,40	6,25	5,97	6/10/21	3,76									6,53	5,28	5,70
2/10/21	7,07							7,66	7,44	6,14	4/10/21	6,74							6,74	6,31	6,42	5,92	6/10/21	3,92									6,44	5,19	5,60
2/10/21	6,84							7,87	7,22	6,19	4/10/21	7,38							7,38	6,19	6,33	5,78	6/10/21	4,05									6,37	5,37	5,70
2/10/21	6,63							7,89	6,99	6,04	4/10/21	7,72							7,72	6,24	6,46	5,73	6/10/21	4,42									6,10	5,33	5,95
2/10/21	6,41							7,80	6,69	5,71	4/10/21	8,86							6,36	6,57	6,15	6/10/21	4,66									6,39	5,12	6,07	
2/10/21	6,28							7,66	6,30	5,36	4/10/21	8,91							6,58	7,05	6,56	6/10/21	4,78									6,33	5,05	6,02	
2/10/21	5,93							7,50	5,95	5,16	4/10/21	8,96							6,82	7,36	6,70	6/10/21	4,54									6,42	4,74	6,15	
2/10/21	5,61							7,43	5,57	4,89	4/10/21	9,19							7,42	8,11	6,82	6/10/21	4,82									6,27	4,64	6,23	
2/10/21	5,82							7,34	5,47	4,90	4/10/21	9,62							7,99	8,41	6,94	6/10/21	4,46												

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	
8/10/21	4.33						3.24	5.26	5.78	6.24	10/10/21	5.67							7.20	7.81	8.41	4.97	13/10/21	6.46							8.51	7.86	5.80
8/10/21	4.70						3.53	4.96	5.99	6.36	10/10/21	5.52							6.92	7.72	8.13	5.13	13/10/21	6.44							7.98	7.91	5.70
8/10/21	5.21						4.85	5.47	6.02	6.41	10/10/21	5.45							7.02	7.58	7.98	5.20	13/10/21	6.58							7.41	7.92	5.72
8/10/21	5.24						5.21	5.55	5.92	6.43	10/10/21	5.44							6.64	7.91	8.03	5.16	13/10/21	6.82							7.25	7.97	5.69
8/10/21	5.29						5.36	5.52	6.04	6.30	10/10/21	5.14							6.56	8.26	7.84	5.06	13/10/21	6.57							7.24	7.90	5.77
8/10/21	4.88						5.59	5.36	6.06	6.28	10/10/21	5.16							7.08	8.17	7.63	4.75	13/10/21	5.94							7.26	7.84	5.87
8/10/21	4.81						6.20	5.22	6.20	6.27	10/10/21	5.20							6.47	8.10	7.55	4.56	13/10/21	5.43							7.24	7.82	5.89
8/10/21	4.62						6.47	5.44	6.33	6.26	10/10/21	5.29							6.27	8.11	7.46	4.21	13/10/21	5.41							7.17	7.79	5.83
8/10/21	4.48						6.09	5.32	6.48	6.22	10/10/21	5.23							8.21	7.31	4.09	13/10/21	5.47							7.11	7.72	5.70	
8/10/21	4.88						5.81	5.70	6.58	6.11	10/10/21	4.99							7.80	7.10	3.93	13/10/21	5.56							7.02	7.69	5.78	
8/10/21	5.31						5.66	5.86	6.64	6.10	10/10/21	5.05							8.14	7.09	3.61	13/10/21	5.57							6.89	7.57	5.85	
8/10/21	5.17						5.38	6.02	6.72	6.14	10/10/21	5.01							8.16	7.32	3.20	13/10/21	5.86							6.81	7.56	5.72	
8/10/21	5.10						6.84	6.06	6.69	6.19	10/10/21	5.05							8.34	7.52	2.79	13/10/21	6.04							6.69	7.58	5.41	
8/10/21	5.02						6.74	5.81	6.70	6.38	10/10/21	5.10							8.79	7.60	2.31	13/10/21	6.16							6.57	7.61	5.26	
8/10/21	5.23						6.73	5.90	6.73	6.29	11/10/21	5.09							8.45	7.52	2.30	13/10/21	6.17							6.65	7.57	4.98	
8/10/21	5.33						5.21	5.65	6.76	6.49	11/10/21	5.11							7.55	7.46	2.83	13/10/21	6.22							6.84	7.59	4.29	
8/10/21	5.24						6.59	5.99	6.66	6.39	11/10/21	5.04							7.40	7.43	3.23	13/10/21	6.37							6.97	7.55	4.62	
8/10/21	4.91						7.03	6.19	6.64	6.27	11/10/21	5.07							7.40	7.38	3.49	13/10/21	6.33							6.97	7.59	4.72	
8/10/21	4.67						6.96	6.59	6.58	6.32	11/10/21	5.31							7.31	7.41	3.65	13/10/21	6.29							6.85	7.67	4.67	
8/10/21	4.99						6.97	6.37	6.40	6.28	11/10/21	5.24							7.11	7.44	3.70	13/10/21	6.30							6.73	7.78	5.15	
8/10/21	4.96						6.95	6.14	6.53	6.17	11/10/21	5.06							6.99	7.42	3.93	13/10/21	6.25							6.85	7.82	5.37	
8/10/21	4.70						6.90	5.96	6.71	5.96	11/10/21	4.90							6.88	7.37	4.16	13/10/21	6.13							7.03	8.40	5.00	
8/10/21	5.01						6.80	5.75	6.91	5.72	11/10/21	4.89							6.63	7.24	4.79	13/10/21	6.01							7.08	8.93	4.85	
8/10/21	4.94						6.74	5.25	6.97	5.36	11/10/21	4.96							6.65	7.10	4.72	13/10/21	6.08							7.05	8.83	4.81	
8/10/21	5.07						6.71	5.52	6.88	5.56	11/10/21	4.94							6.65	6.93	4.46	13/10/21	6.20							7.59	9.06	5.63	
8/10/21	4.95						6.80	5.92	6.87	5.36	11/10/21	4.96							6.60	6.82	4.06	13/10/21	6.25							5.75	8.91	10.12	5.84
8/10/21	4.39						6.82	6.01	6.74	5.08	11/10/21	4.92							6.76	6.72	3.60	13/10/21	6.50							6.59	9.73	10.69	5.58
8/10/21	3.87						6.81	6.76	6.91	5.11	11/10/21	4.88							7.01	6.80	3.26	13/10/21	6.63							6.41	9.69	11.23	5.94
8/10/21	3.44						6.60	6.28	6.78	5.35	11/10/21	4.84							6.99	6.80	2.90	13/10/21	6.73							5.55	10.05	11.54	5.67
8/10/21	3.64						6.57	6.39	6.80	5.82	11/10/21	4.85							7.03	6.75	2.56	13/10/21	6.76							5.71	10.72	12.27	5.91
8/10/21	3.54						6.20	6.44	6.69	6.46	11/10/21	4.86							6.98	6.67	2.20	13/10/21	6.54							6.30	10.31	12.77	5.91
8/10/21	3.55						5.68	6.11	6.60	6.49	11/10/21	5.08							6.77	6.64	4.04	13/10/21	6.51							6.08	10.76	11.03	6.14
8/10/21	3.56						6.22	5.53	6.48	6.61	11/10/21	5.12							6.38	6.58	4.79	13/10/21	6.41							7.61	11.10	9.29	6.09
9/10/21	3.42						6.13	5.19	6.56	6.66	11/10/21	5.03							6.32	6.66	5.07	13/10/21	6.59							7.88	10.67	9.00	6.08
9/10/21	3.49						5.47	5.25	6.58	6.81	11/10/21	5.23							6.28	6.85	5.40	13/10/21	6.59							7.72	10.26	9.19	6.09
9/10/21	3.51						5.09	5.27	6.66	6.84	11/10/21	5.50							6.33	6.85	5.50	13/10/21	6.57							7.25	10.32	8.90	6.09
9/10/21	3.75						4.56	5.58	6.53	6.75	11/10/21	5.83							6.46	6.93	5.48	13/10/21	6.77							7.21	10.26	9.08	6.18
9/10/21	3.81						2.79	5.50	6.45	6.72	11/10/21	5.93							6.49	7.01	5.44	13/10/21	7.12							10.48	9.42	6.33	
9/10/21	3.88						2.96	4.87	6.50	7.04	11/10/21	6.22							6.59	7.03	5.38	13/10/21	7.50							9.10	9.21	6.04	
9/10/21	3.80						3.75	5.09	6.34	6.99	11/10/21	6.70							6.71	7.04	5.21	13/10/21	7.68							8.91	8.17	5.88	
9/10/21	3.82						3.67	5.60	6.19	7.08	11/10/21	7.96							6.88	6.94	5.00	13/10/21	7.48							9.18	7.75	5.89	
9/10/21	3.91						3.92	5.91	6.16	7.05	11/10/21	7.89							6.91	6.93	5.20	13/10/21	6.93							9.04	7.99	5.59	
9/10/21	4.06						3.26	5.99	6.25	6.89	11/10/21	7.33							6.90	6.97	5.28	13/10/21	6.93							8.87	8.37	5.84	
9/10/21	4.17						2.91	6.19	6.29	6.77	11/10/21	7.08							7.10	7.11	5.05	14/10/21	6.69							9.32	8.11	5.91	
9/10/21	4.34						4.15	6.12	6.40	6.84	11/10/21	7.30							7.14	7.68	4.78	14/10/21	6.61							9.59	7.46	6.04	
9/10/21	4.39						3.42	5.94	6.51	6.76	11/10/21	7.06							7.32	7.81	5.10	14/10/21	6.86							9.64	6.95	5.64	
9/10/21	4.43						4.57	6.13	6.60	6.88	11/10/21	5.93							7.49	8.01	8.27	5.38	14/10/21	6.89							9.81	6.76	5.84
9/10/21	4.25						4.44	5.92	6.48	6.40	11/10/21	6.84							8.15	8.73	8.87	5.56	14/10/21	6.80							10.11	6.64	5.66
9/10/21	4.33						5.92	6.04	6.43	6.45	11/10/21	7.67							8.50	9.11	8.75	5.69	14/10/21	6.56							9.70	6.68	6.14
9/10/21	4.44						6.27	5.99	6.47	6.95	11/10/21	7.33							8.54	9.12	9.03	5.17	14/10/21	6.21							8.71	7.29	6.12
9/10/21	4.36						6.43	5.97	6.33	7.01	1																						

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	
15/10/21	6.89						6.41	8.55	9.52	7.02	17/10/21	9.34							6.12	9.90	8.30	5.27	20/10/21	5.63						5.09	7.68	6.88	1.72
15/10/21	7.16						5.64	8.47	9.60	7.16	17/10/21	9.44							5.74	9.93	8.04	5.48	20/10/21	5.55						6.09	7.85	7.09	1.53
15/10/21	7.43						5.28	8.36	9.75	7.19	17/10/21	9.45							7.60	9.99	7.92	5.35	20/10/21	5.93						6.42	7.77	7.29	1.34
15/10/21	7.82						4.43	8.80	9.83	7.33	17/10/21	8.80							8.25	9.93	7.89	5.07	20/10/21	6.44						6.25	7.56	7.41	1.25
15/10/21	8.32						3.65	9.00	9.78	7.22	17/10/21	7.64							8.42	9.69	7.84	4.71	20/10/21	6.90						5.87	7.39	7.70	1.27
15/10/21	8.59						6.33	9.42	9.99	7.18	18/10/21	6.70							8.55	9.53	7.73	4.91	20/10/21	7.51						5.72	7.25	7.57	1.42
15/10/21	8.67						8.00	10.15	10.19	7.13	18/10/21	6.21							8.26	9.93	7.95	4.59	20/10/21	7.82						5.18	7.22	7.46	2.09
15/10/21	8.94						8.05	10.57	10.16	6.58	18/10/21	5.96							8.40	9.63	8.16	4.14	20/10/21	8.44						4.92	6.73	7.44	2.65
15/10/21	9.18						7.81	11.05	9.88	6.43	18/10/21	5.75							8.36	9.76	8.35	3.84	20/10/21	8.57						6.79	7.29	7.38	4.10
15/10/21	8.97						7.63	11.79	9.65	6.65	18/10/21	5.58							8.31	9.86	8.29	3.76	20/10/21	8.29						7.50	7.48	7.24	4.74
15/10/21	8.90						3.79	13.22	9.62	6.93	18/10/21	5.47							8.31	9.80	7.98	3.74	20/10/21	8.15						7.80	8.07	7.39	4.55
15/10/21	9.15						6.34	12.77	9.58	6.96	18/10/21	5.32							8.16	9.66	7.88	3.80	20/10/21	7.83						8.24	8.55	7.96	4.46
15/10/21	9.50						6.58	12.66	9.70	6.98	18/10/21	5.06							7.89	9.55	7.76	4.21	20/10/21	7.76						8.79	8.74	8.24	4.30
15/10/21	10.06						5.86	11.92	9.44	7.24	18/10/21	4.77							7.12	9.66	7.60	5.73	20/10/21	7.59						8.91	8.85	8.72	3.91
15/10/21	10.45						5.45	10.77	9.16	7.11	18/10/21	4.73							4.83	9.71	7.36	5.77	20/10/21	7.53						9.13	9.52	9.28	3.42
15/10/21	10.63						5.17	9.72	8.89	7.17	18/10/21	4.97							4.33	9.45	7.08	5.71	20/10/21	7.26						9.26	9.59	9.72	4.09
15/10/21	10.79						5.18	9.74	8.56	7.08	18/10/21	5.40							4.41	9.06	6.90	5.95	20/10/21	7.07						9.36	9.73	9.68	3.51
15/10/21	10.57						4.82	9.69	8.35	6.81	18/10/21	5.66							3.49	8.70	7.07	6.26	20/10/21	6.85						9.60	9.67	9.49	3.14
15/10/21	10.16						7.26	9.17	8.24	6.50	18/10/21	5.58							6.40	8.65	7.33	6.40	20/10/21	6.60						8.92	9.57	9.38	2.93
15/10/21	9.46						8.06	8.77	8.18	6.71	18/10/21	5.45							6.30	8.80	7.48	6.37	20/10/21	6.57						7.85	9.39	8.48	2.76
15/10/21	8.70						8.41	8.67	8.05	6.93	18/10/21	5.57							6.25	8.47	7.55	6.29	20/10/21	6.91						7.02	9.39	9.22	2.53
15/10/21	8.57						8.55	9.00	8.01	7.00	18/10/21	5.80							6.25	8.05	7.61	6.26	20/10/21	7.11						6.81	9.62	8.96	2.31
15/10/21	8.76						9.40	9.55	8.19	7.13	18/10/21	6.02							5.71	7.97	7.80	5.96	20/10/21	7.40						6.37	9.96	8.54	2.18
15/10/21	8.42						8.97	9.53	8.42	7.32	18/10/21	6.02							6.92	7.79	7.60	5.30	20/10/21	7.78						6.22	10.16	8.09	2.05
16/10/21	7.81						8.32	9.75	8.75	7.54	18/10/21	6.08							6.38	7.79	7.63	4.69	20/10/21	7.68						3.78	10.09	7.77	1.94
16/10/21	7.34						7.81	9.56	8.71	7.34	18/10/21	6.30							6.08	7.73	7.52	4.22	20/10/21	7.83						3.76	9.62	7.68	1.94
16/10/21	6.81						7.71	9.40	8.55	7.12	18/10/21	6.43							6.04	7.74	7.44	3.86	20/10/21	8.09						7.08	9.82	7.95	1.89
16/10/21	6.41						7.37	9.53	8.12	6.99	18/10/21	6.73							6.47	8.17	7.33	3.67	20/10/21	8.57						7.82	10.99	8.41	1.73
16/10/21	6.08						6.57	9.51	7.83	6.90	18/10/21	7.46							7.54	8.72	7.49	3.60	20/10/21	8.71						7.49	11.20	8.62	1.59
16/10/21	5.69						5.99	9.68	7.62	6.76	18/10/21	7.68							7.96	8.94	7.82	4.19	20/10/21	8.84						6.45	9.02	8.79	1.51
16/10/21	5.40						6.57	9.77	7.40	6.51	18/10/21	7.79							8.27	8.90	8.17	4.32	20/10/21	8.62						4.33	9.36	8.71	1.46
16/10/21	5.22						7.45	9.89	7.07	6.27	18/10/21	7.78							8.46	9.68	8.75	4.37	20/10/21	8.45						3.10	9.02	8.71	1.43
16/10/21	5.29						5.84	9.65	6.64	6.55	18/10/21	7.26							8.73	9.94	9.20	3.95	20/10/21	8.61						3.28	8.85	8.38	1.68
16/10/21	5.50						3.91	9.29	6.79	6.73	18/10/21	7.16							8.96	10.30	9.53	3.50	20/10/21	8.70						3.07	8.59	8.15	2.17
16/10/21	6.11						3.70	9.45	7.26	6.87	18/10/21	6.94							9.00	10.25	9.57	3.20	21/10/21	8.85						6.63	8.30	8.00	2.54
16/10/21	6.72						4.45	9.46	7.59	6.89	18/10/21	6.91							8.89	9.98	9.55	3.03	21/10/21	9.19						8.01	8.32	7.74	2.85
16/10/21	7.16						4.73	9.14	7.85	6.84	18/10/21	7.07							8.68	10.19	9.30	2.89	21/10/21	9.40						8.21	8.53	7.67	2.78
16/10/21	7.14						4.70	8.43	7.93	6.46	18/10/21	7.10							8.23	10.20	9.33	2.73	21/10/21	8.39						8.27	8.51	7.53	3.05
16/10/21	7.10						5.13	8.12	7.91	6.31	18/10/21	7.26							7.79	10.53	9.40	2.58	21/10/21	7.10						8.23	8.64	7.61	3.10
16/10/21	7.19						4.88	8.02	7.92	6.02	18/10/21	7.55							7.87	10.68	9.19	2.58	21/10/21	6.73						8.26	8.44	7.85	3.01
16/10/21	7.26						5.09	7.99	7.91	5.39	18/10/21	8.08							8.01	11.38	8.97	2.41	21/10/21	6.82						7.90	8.17	8.04	2.83
16/10/21	7.63						5.41	7.81	7.74	4.81	18/10/21	8.67							4.91	11.83	8.65	2.47	21/10/21	6.94						7.83	8.25	8.04	2.90
16/10/21	7.87						5.38	7.84	7.59	4.37	18/10/21	8.74							4.30	11.89	8.43	2.65	21/10/21	6.81						7.60	8.24	7.61	3.07
16/10/21	8.24						5.25	7.69	7.48	4.46	18/10/21	8.59							5.31	12.69	8.47	2.89	21/10/21	6.38						7.44	8.23	7.32	3.22
16/10/21	8.41						5.12	7.80	7.37	4.58	18/10/21	8.96							6.02	13.44	8.82	2.75	21/10/21	6.13						7.09	7.93	7.14	3.28
16/10/21	8.25						2.93	7.86	7.36	4.44	18/10/21	9.35							5.02	12.39	9.03	3.16	21/10/21	6.46						5.33	7.52	6.91	2.83
16/10/21	7.69						2.75	7.91	7.79	4.37	18/10/21	9.46							5.34	10.29	8.99	3.75	21/10/21	6.62						4.01	7.50	6.65	2.11
16/10/21	6.99						3.13	8.13	8.39	4.32	18/10/21	9.31							5.26	9.67	8.90	4.53	21/10/21	6.59						4.10	7.56	6.30	1.78
16/10/21																																	

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2		data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2		data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	ve1 mg/l		ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	ve1 mg/l	ve2 mg/l		ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l			
22/10/21	6.69						8.04	9.64	8.77	5.10	25/10/21	7.40						6.56	7.88	7.96	6.93	27/10/21	7.34							7.70	8.18	8.10	6.83		
22/10/21	6.66						6.59	9.44	8.43	5.07	25/10/21	7.20						6.08	7.52	7.89	6.76	27/10/21	7.31							7.45	8.26	8.00	7.19		
22/10/21	6.63						5.97	9.32	8.14	5.51	25/10/21	6.86						5.84	7.27	7.84	7.24	27/10/21	7.20							7.05	8.34	8.10	7.33		
22/10/21	6.60						6.68	9.35	8.14	5.75	25/10/21	6.61						6.06	7.52	7.58	7.33	27/10/21	7.14							6.72	8.22	8.17	7.49		
22/10/21	7.04						7.66	9.54	7.92	5.76	25/10/21	6.77						6.42	7.45	7.54	7.38	27/10/21	7.32							7.83	8.53	8.90	7.75		
22/10/21	7.49						7.74	9.42	7.53	5.61	25/10/21	6.99						6.92	7.49	7.54	7.42	27/10/21	7.59							7.62	9.44	9.35	7.96		
22/10/21	7.96						7.50	9.14	7.17	5.36	25/10/21	7.23						6.80	7.36	7.62	7.37	27/10/21	8.11							9.10	9.97	8.00			
22/10/21	8.33						6.07	8.83	6.95	5.69	25/10/21	7.46						6.53	7.18	7.55	7.31	27/10/21	8.69							9.65	11.01	7.95			
22/10/21	8.08						6.09	8.96	7.03	5.72	25/10/21	7.54						7.03	7.39	7.31	7.17/10/21	9.13							10.07	11.13	7.89				
22/10/21	7.68						7.29	9.93	7.38	5.66	25/10/21	7.51						7.06	7.13	7.27	27/10/21	9.37							9.47	11.10	7.90				
22/10/21	7.44						7.17	9.96	7.55	5.65	25/10/21	7.56						7.08	6.89	6.89	27/10/21	9.49							9.43	10.64	7.91				
22/10/21	7.50						7.09	8.89	7.71	5.71	25/10/21	7.67						7.11	6.78	6.84	27/10/21	9.42							9.46	10.28	8.36				
22/10/21	7.95						6.69	8.39	7.71	5.78	25/10/21	7.58						7.04	6.61	7.11	27/10/21	9.22							9.64	10.05	8.85				
22/10/21	7.91						6.31	8.12	7.79	5.83	25/10/21	7.45						6.93	6.92	7.12	27/10/21	8.82							9.68	9.69	8.85				
22/10/21	7.83						6.00	7.95	7.66	5.80	25/10/21	7.34						7.01	7.14	7.15	27/10/21	8.50							10.13	9.38	8.61				
23/10/21	7.72						5.43	7.84	7.51	5.74	25/10/21	7.35						7.05	7.29	6.98	27/10/21	8.06							10.47	9.18	8.49				
23/10/21	7.45						5.63	7.43	7.39	5.56	25/10/21	7.36					6.73	7.05	7.35	7.02	27/10/21	7.72							10.19	8.93	8.48				
23/10/21	7.17						7.07	7.14	7.31	5.12	25/10/21	7.53					6.86	7.07	7.51	7.10	27/10/21	7.90							10.06	8.76	8.86				
23/10/21	7.41						7.57	7.00	7.17	5.10	25/10/21	7.75					6.81	7.05	7.45	7.17	27/10/21	7.69							10.60	8.37	8.29				
23/10/21	6.62						7.58	6.81	6.93	5.32	25/10/21	7.78					6.75	7.09	7.43	7.11	27/10/21	7.22							10.45	8.11	7.97				
23/10/21	5.31						7.41	7.05	7.06	5.54	25/10/21	7.92					6.97	7.24	7.48	7.08	27/10/21	7.06							10.48	7.84	7.50				
23/10/21	4.80						7.18	7.46	7.27	5.64	25/10/21	7.91					6.52	7.28	7.45	7.08	27/10/21	7.24							10.38	7.61	7.07				
23/10/21	4.68						7.16	7.13	7.30	5.84	25/10/21	7.81					6.20	7.19	7.42	6.92	27/10/21	7.30							11.27	7.48	7.28				
23/10/21	4.64						7.12	7.23	7.25	5.90	25/10/21	7.73					6.55	7.36	7.49	7.21	27/10/21	7.25							12.10	7.35	8.03				
23/10/21	4.61						6.96	7.27	7.00	5.93	25/10/21	8.21					6.36	7.18	8.53	7.65	27/10/21	7.07							11.65	7.48	7.78				
23/10/21	4.72						6.63	7.10	6.70	5.66	25/10/21	8.91					7.59	9.13	7.59	28/10/21	7.40							7.07	11.52	7.84	8.14				
23/10/21	4.51							6.66	6.43	5.50	25/10/21	9.09					8.91	8.87	7.56	28/10/21	7.04							7.04	11.65	7.92	8.11				
23/10/21	4.50							6.24	6.25	5.38	25/10/21	8.81					8.90	9.29	7.54	28/10/21	6.34								11.87	8.13	7.85				
23/10/21	4.41							5.97	6.02	5.46	25/10/21	8.71					9.20	9.48	7.58	28/10/21									8.09	11.38	8.64	7.67			
23/10/21	4.51							5.74	5.66	5.08	25/10/21	8.72					9.08	9.85	7.58	28/10/21									8.34	10.33	8.61	7.83			
23/10/21	4.77							6.04	5.52	5.24	25/10/21	8.75					8.97	9.65	7.57	28/10/21									7.71	9.67	8.65	7.81			
23/10/21	5.51							6.25	5.88	5.50	25/10/21	8.71					8.77	9.39	7.57	28/10/21									7.58	9.28	8.82	7.76			
23/10/21	5.78							6.42	6.19	5.62	25/10/21	8.58					9.02	9.19	7.83	28/10/21									7.36	9.03	9.05	7.71			
23/10/21	5.84							6.46	6.46	5.62	25/10/21	8.42					9.07	9.14	7.91	28/10/21									7.04	8.83	9.18	7.63			
23/10/21	5.79							6.41	6.64	5.59	25/10/21	8.12					8.89	8.83	7.99	28/10/21									7.54	8.75	9.21	7.50			
23/10/21	6.16							6.45	6.88	5.60	25/10/21	7.81					9.30	8.52	7.94	28/10/21									7.81	8.56	9.14	7.43			
23/10/21	6.46							6.41	6.82	5.60	25/10/21	7.86					5.92	9.67	8.21	7.80	28/10/21									7.62	8.37	8.97	7.35		
23/10/21	6.62							6.32	6.83	5.62	25/10/21	8.06					7.88	9.87	7.85	7.46	28/10/21									7.26	8.13	8.84	7.24		
23/10/21	6.86							6.52	6.92	5.49	25/10/21	8.08					8.18	9.81	7.52	8.02	28/10/21									6.97	7.87	8.68	7.25		
23/10/21	7.02						7.09	6.56	6.97	5.26	25/10/21	8.35					8.28	9.60	7.52	7.94	28/10/21									7.10	7.52	8.52	6.92		
23/10/21	6.82						7.04	6.62	6.93	5.38	25/10/21	8.24					7.94	9.58	7.79	7.90	28/10/21									7.43	7.31	8.43	7.26		
23/10/21	7.01						6.11	6.86	7.43	5.60	25/10/21	8.03					6.07	10.44	7.96	7.73	28/10/21									7.54	7.36	8.47	7.54		
23/10/21	7.29						3.89	6.89	7.77	5.75	25/10/21	7.63					6.63	10.93	8.23	7.70	28/10/21									8.15	7.49	8.81	6.43		
23/10/21	7.43						3.28	7.33	8.55	5.77	25/10/21	7.74					5.85	10.93	8.12	7.66	28/10/21									8.28	7.64	9.03	6.54		
23/10/21	7.44						3.43	8.53	9.15	5.77	26/10/21	7.66					5.81	9.98	8.29	7.54	28/10/21									8.28	7.79	9.16	7.00		
23/10/21	7.20						3.51	8.68	9.72	5.83	26/10/21	7.52					5.40	9.15	8.32	7.42	28/10/21									8.58	7.80	9.31	6.71		
23/10/21	7.05						6.77	8.74	9.70	5.88	26/10/21	7.49					5.77	8.96	8.38	7.34	28/10/21									8.69	7.90	9.37	6.71		
23/10/21	6.85						8.25	8.45	9.59	5.99	26/10/21	7.52					5.72	8.85	8.43	7.22	28/10/21									8.53	8.64	9.35	7.03		
23/10/21	6.79						8.40	8.37	9.05	6.15	26/10/21	7.52					5.44	8.89	8.43	6.89	28/10/21	7.95								8.81	8.35	9.67	6.96		
23/10/21	6.76						8.75	8.52	8.75	6.24	26/10/21	7.48					5.02	8.82	8.39	6.73	28/10/21	8.45								8.88	7.98	9.81	7.03		
23/10/21	6.46						8.69	8.43	8.65	6.37	26/10/21	7.61					4.59	8.50	8.23	6.92	28/10/21	8.64													

		PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2				PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2								
data	ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9	data	ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9	data	ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9
	mg/l	mg/l	mg/l	mg/l	mg/l		mg/l	mg/l	mg/l	mg/l		mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l		mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	
29/10/21								10.27	10.72	7.69	1/11/21								7.56	8.43	8.53	8.05	3/11/21						7.17	4.63	7.70	6.88
29/10/21								10.30	11.48	8.01	1/11/21								7.28	8.38	8.41	8.02	3/11/21						6.43	4.61	7.33	6.51
29/10/21								10.34	11.25	8.06	1/11/21								7.07	8.24	8.30	7.95	3/11/21						6.63	6.39	7.17	6.72
29/10/21								9.95	10.77	7.99	1/11/21								6.83	7.98	8.00	7.86	3/11/21						6.89	7.03	7.35	6.81
29/10/21								9.65	10.44	7.87	1/11/21								6.82	7.86	7.78	7.82	3/11/21						7.44	6.87	7.41	6.89
29/10/21								9.50	10.04	7.93	1/11/21								7.06	7.72	7.67	7.82	3/11/21						7.25	6.32	7.37	6.81
30/10/21								9.56	9.66	7.47	1/11/21								7.04	7.67	7.58	7.62	3/11/21						6.85	6.26	7.40	6.65
30/10/21								9.48	9.24	7.00	1/11/21									7.64	7.53	7.48	3/11/21						7.16	5.92	7.45	6.36
30/10/21								10.19	8.73	6.71	1/11/21									7.43	7.51	7.44	3/11/21						7.01	6.09	7.39	6.45
30/10/21							7.86	10.00	8.29	6.68	1/11/21									7.30	7.53	7.79	3/11/21						7.10	5.99	7.33	6.17
30/10/21								7.74	10.26	7.99	6.97	1/11/21								7.56	7.70	7.90	3/11/21						6.76	5.58	7.29	5.60
30/10/21								7.78	10.38	8.13	7.44	1/11/21								7.38	7.83	7.94	3/11/21						6.22	5.58	7.27	5.49
30/10/21								7.48	10.59	8.26	7.70	1/11/21								7.30	7.77	7.92	3/11/21						5.69	5.55	7.15	5.05
30/10/21								7.90	9.77	8.65	7.58	1/11/21							7.38	7.19	7.89	7.92	3/11/21						5.72	5.34	7.09	4.94
30/10/21								8.02	8.85	9.08	7.68	1/11/21							7.73	7.20	8.14	7.87	3/11/21						5.42	5.39	6.99	5.69
30/10/21								8.38	8.44	9.32	7.81	1/11/21							7.83	7.29	8.11	7.81	3/11/21						6.11	5.47	6.89	5.49
30/10/21								8.25	8.29	9.31	7.82	1/11/21							7.74	7.23	8.23	7.75	4/11/21						6.89	5.57	6.97	4.47
30/10/21								8.15	8.28	9.19	7.88	1/11/21							7.59	7.22	8.19	7.59	4/11/21						6.90	5.51	7.05	4.51
30/10/21								7.95	8.30	9.04	7.80	1/11/21							7.61	7.43	8.05	7.58	4/11/21						7.22	5.40	6.76	5.75
30/10/21								7.86	8.21	8.77	7.85	1/11/21							7.70	7.27	7.75	7.43	4/11/21						7.38	4.89	6.51	6.07
30/10/21								7.71	8.10	8.48	7.84	1/11/21							7.45	7.47	7.64	7.48	4/11/21						7.47	4.96	6.71	6.42
30/10/21								7.64	7.95	8.19	7.80	1/11/21							7.47	7.56	7.72	7.62	4/11/21						7.43	4.57	6.69	6.62
30/10/21								7.69	7.71	7.97	7.43	1/11/21							7.30	7.59	7.84	7.63	4/11/21						7.45	4.50	6.61	6.77
30/10/21								7.44	7.35	7.88	7.29	1/11/21							7.13	7.52	7.75	7.54	4/11/21						7.49	4.31	6.69	6.85
30/10/21								7.38	7.30	7.88	7.55	1/11/21							7.18	7.29	7.62	7.70	4/11/21						7.47	4.24	6.69	6.69
30/10/21								7.02	7.32	8.02	7.76	1/11/21							7.56	7.26	7.56	7.67	4/11/21						7.50	4.07	6.71	6.42
30/10/21								6.50	7.44	8.17	7.89	1/11/21							7.62	6.99	7.47	7.51	4/11/21						7.53	4.01	6.60	6.45
30/10/21								5.28	7.54	8.57	8.00	1/11/21							7.01	6.86	7.47	7.62	4/11/21						7.55	4.00	6.54	6.42
30/10/21								4.82	7.89	9.61	8.42	1/11/21							7.44	6.83	7.38	7.67	4/11/21						7.42	4.25	6.53	6.56
30/10/21								3.68	7.92	9.76	8.47	1/11/21							7.52	6.81	7.37	7.69	4/11/21						7.41	4.04	6.49	6.54
30/10/21								3.86	8.04	10.12	8.53	1/11/21							7.29	6.83	7.22	7.62	4/11/21						7.45	3.98	6.51	6.56
30/10/21								3.11	8.12	10.70	8.52	1/11/21							7.00	6.72	7.20	7.24	4/11/21						7.49	3.82	6.59	6.37
30/10/21								2.82	8.28	11.24	8.44	1/11/21							7.06	6.42	7.13	7.17	4/11/21						7.41	3.68	6.58	6.32
30/10/21								3.16	8.40	11.41	8.48	1/11/21							7.19	6.35	7.04	7.34	4/11/21						7.18	3.95	6.60	6.44
30/10/21								4.31	8.70	11.11	8.45	1/11/21							6.12	6.28	6.98	7.40	4/11/21						6.89	4.27	6.64	6.31
30/10/21								4.98	9.06	10.88	8.72	2/11/21							6.01	6.14	7.04	7.40	4/11/21						5.90	4.70	6.82	6.21
30/10/21								5.90	9.43	10.88	8.55	2/11/21							6.04	6.12	7.06	7.30	4/11/21						5.21	4.87	6.84	6.07
30/10/21								5.76	11.18	10.61	8.37	2/11/21							6.73	5.94	7.00	7.38	4/11/21						5.26	4.83	6.91	6.15
30/10/21								5.82	12.71	10.28	8.14	2/11/21							7.02	6.01	6.75	7.50	4/11/21						5.04	4.68	7.00	6.19
30/10/21								3.87	12.44	10.38	8.50	2/11/21							7.07	6.08	6.72	7.45	4/11/21						4.98	4.58	6.95	6.33
30/10/21								3.47	12.70	10.72	8.50	2/11/21							7.07	6.10	6.81	7.52	4/11/21						4.94	4.59	7.55	6.23
30/10/21								4.05	12.28	10.54	8.33	2/11/21							7.28	6.07	6.78	7.56	4/11/21						6.58	4.89	8.34	6.16
30/10/21								4.81	11.73	10.26	8.10	2/11/21							7.22	6.06	6.80	7.63	4/11/21						6.76	5.02	8.48	6.26
30/10/21							7.38	10.90	10.09	7.93	2/11/21								6.97	5.99	6.76	7.56	4/11/21						6.98	5.12	8.46	6.41
30/10/21								10.26	9.60	7.90	2/11/21								6.44	5.98	6.70	7.47	4/11/21						6.98	4.94	9.04	6.89
30/10/21								9.82	9.29	8.00	2/11/21								6.04	5.92	6.68	7.17	4/11/21						6.69	4.92	9.39	7.03
30/10/21								9.26	9.03	7.84	2/11/21								6.77	5.76	6.63	7.28	4/11/21						6.32	4.86	8.92	7.23
30/10/21								8.80	8.80	7.85	2/11/21								6.31	5.72	6.61	7.38	4/11/21						5.94	4.88	8.84	7.31
30/10/21								8.48	8.73	7.75	2/11/21								6.49	5.68	6.82	7.31	4/11/21						4.52	4.82	8.94	7.23
30/10/21								8.33	8.73	8.15	2/11/21								6.59	5.95	6.88	7.19	4/11/21						3.68	4.82	8.72	7.22
30/10/21								8.71	8.66	8.08	2/11/21								6.89	6.16	6.90	7.19	4/11/21						5.46	4.76	8.42	7.10
30/10/21								9.49	8.85	8.24	2/11/21								6.99	5.98	6.89	7.18	4/11/21						6.55	4.76	8.12	6.68
30/10/21								9.79	9.31	8.24	2/11/21								6.98	5.73	6.80	7.15	4/11/21						6.36	4.72	7.75	6.75
30/10/21								10.06	9.58	8.52	2/11/21								6.73	5.51	6.85	7.10	4/11/21	</								

[illegible]

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2		data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2		data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	ve1		ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	ve1	ve2 mg/l		ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l			
13/11/21							8,58	9,38	9,13	7,55	15/11/21								8,07	4,90	9,02	7,35	18/11/21								5,59	8,63	7,58	6,92	
13/11/21							8,24	9,18	8,89	7,61	15/11/21								8,36	4,88	8,85	7,20	18/11/21								5,38	8,48	7,58	7,07	
13/11/21							7,89	8,85	8,63	7,62	15/11/21								8,40	4,81	8,63	6,87	18/11/21								5,10	8,29	7,69	7,22	
13/11/21							7,60	8,94	8,42	7,58	15/11/21								8,24	4,75	8,45	6,79	18/11/21								4,80	8,29	7,67	7,21	
13/11/21							7,01	9,15	8,16	7,50	15/11/21								8,11	4,75	8,35	6,85	18/11/21								4,72	8,33	7,71	7,16	
13/11/21								9,36	7,95	7,53	15/11/21								8,03	4,77	8,42	6,87	18/11/21								4,43	8,33	7,66	7,06	
13/11/21								9,48	7,82	7,47	15/11/21								7,96	4,92	8,51	6,90	18/11/21								5,58	8,35	7,61	6,96	
13/11/21								9,30	7,71	7,29	15/11/21								7,97	5,79	8,57	6,92	18/11/21								6,70	8,20	7,52	6,88	
13/11/21								9,20	7,93	7,47	15/11/21								8,03	8,87	8,53	6,93	18/11/21								7,16	7,80	7,32	6,47	
13/11/21								9,36	8,26	7,80	15/11/21								7,93	8,99	8,36	7,02	18/11/21								7,62	7,87	7,25	6,62	
13/11/21								9,07	8,82	7,79	15/11/21								7,89	9,02	8,23	7,04	18/11/21								7,71	7,74	7,31	6,68	
13/11/21								8,81	9,27	7,86	15/11/21								7,76	8,90	8,15	7,07	18/11/21								6,86	7,86	7,43	6,68	
13/11/21								8,87	9,84	7,97	15/11/21								7,58	8,74	8,14	6,98	18/11/21								6,96	7,93	7,59	6,75	
13/11/21								8,91	10,30	8,01	15/11/21								7,72	8,48	8,12	6,64	18/11/21								7,10	7,93	7,62	6,72	
13/11/21								8,98	10,93	8,06	15/11/21								7,62	8,44	8,02	6,74	18/11/21								7,11	8,00	7,73	6,79	
13/11/21								9,07	11,13	8,11	15/11/21								7,92	8,50	7,98	7,10	18/11/21								7,34	7,93	7,69	6,75	
13/11/21								9,03	11,25	8,11	15/11/21								8,02	8,48	7,84	7,25	18/11/21								7,31	7,97	7,55	6,71	
13/11/21								8,88	11,40	8,00	16/11/21								7,92	8,61	7,79	7,36	18/11/21								7,61	8,09	7,55	6,67	
13/11/21								8,71	11,41	7,77	16/11/21								7,91	8,69	7,76	7,33	18/11/21								7,70	8,23	7,56	6,61	
13/11/21								8,51	11,35	7,52	16/11/21								8,01	9,04	7,77	7,36	18/11/21								7,71	8,28	7,59	6,55	
13/11/21								8,94	11,14	7,51	16/11/21								8,00	8,89	7,77	7,38	18/11/21								7,66	8,24	7,72	6,50	
13/11/21								9,20	10,83	7,61	16/11/21								7,96	9,00	7,77	7,35	18/11/21								7,14	8,42	8,27	6,48	
13/11/21								9,17	10,70	7,76	16/11/21								7,62	8,89	7,87	7,26	18/11/21								6,46	8,76	8,07	6,74	
13/11/21								9,67	10,39	7,77	16/11/21								7,69	8,70	7,77	7,25	18/11/21								6,02	8,61	8,43	6,82	
13/11/21								10,02	10,17	7,75	16/11/21								7,89	8,54	7,54	7,01	18/11/21								6,18	9,24	9,33	6,91	
13/11/21							7,92	9,74	10,20	7,65	16/11/21								7,77	8,34	7,43	6,92	18/11/21								6,31	9,23	9,68	7,04	
13/11/21							8,39	9,60	9,92	7,56	16/11/21								7,84	8,26	7,48	7,04	18/11/21								6,17	9,64	10,22	7,14	
13/11/21							8,48	9,49	9,61	7,57	16/11/21								7,80	8,28	7,58	7,09	18/11/21								5,77	10,23	10,87	7,25	
13/11/21							8,47	9,33	9,40	7,58	16/11/21								7,76	8,27	7,69	7,12	18/11/21								5,32	10,24	10,70	7,29	
13/11/21							8,37	9,06	9,36	7,49	16/11/21								7,67	8,26	7,66	7,02	18/11/21								5,06	10,15	10,60	7,37	
13/11/21							8,20	9,17	9,45	7,58	16/11/21								7,67	8,24	7,79	6,89	18/11/21								5,70	9,97	10,61	7,43	
13/11/21							8,02	8,80	9,31	7,73	16/11/21								7,34	8,23	7,78	6,95	18/11/21								7,67	9,80	10,30	7,49	
13/11/21							7,79	9,03	9,17	7,80	16/11/21								7,10	8,20	7,84	6,97	18/11/21								9,36	9,58	9,97	7,53	
13/11/21							5,19	8,55	9,37	7,86	16/11/21								7,08	8,12	7,72	6,98	18/11/21								9,52	9,61	9,56	7,42	
13/11/21							4,61	8,37	9,56	7,80	16/11/21								7,06	8,17	7,70	7,02	18/11/21								8,48	9,33	9,17	7,10	
13/11/21							4,01	8,30	9,73	7,67	16/11/21								7,32	8,07	7,71	6,95	18/11/21								7,93	9,93	8,79	7,25	
14/11/21							4,60	8,20	9,85	7,65	16/11/21								7,06	8,08	7,71	6,91	18/11/21								7,82	10,41	8,50	7,45	
14/11/21							7,61	8,14	9,97	7,67	16/11/21								7,51	7,96	7,68	6,69	18/11/21								7,80	10,68	8,63	7,45	
14/11/21							8,65	8,06	9,67	7,70	16/11/21								7,89	7,91	7,64	6,32	18/11/21								7,85	9,80	8,87	7,35	
14/11/21							8,85	8,08	9,37	7,49	16/11/21								7,77	8,10	7,81	6,76	18/11/21								7,96	9,56	9,10	7,30	
14/11/21							8,83	8,05	9,12	7,09	16/11/21								7,04	8,57	7,91	7,06	18/11/21								7,76	9,66	9,11	7,20	
14/11/21							8,55	7,93	8,94	7,40	16/11/21								6,63	7,80	8,02	7,24	18/11/21								7,57	9,72	9,01	7,28	
14/11/21							8,29	8,07	8,89	7,52	16/11/21								6,36	8,87	8,25	7,38	18/11/21								7,30	9,47	9,04	7,31	
14/11/21							8,16	8,19	9,00	7,55	16/11/21								6,09	9,03	8,40	7,38	18/11/21								7,60	9,22	8,95	7,28	
14/11/21							7,99	8,37	9,16	7,50	16/11/21								6,18	9,14	8,75	7,44	18/11/21								7,80	9,12	8,77	7,18	
14/11/21							8,11	8,33	9,29	7,67	16/11/21								5,93	9,16	9,04	7,51	18/11/21								8,13	9,01	8,58	6,98	
14/11/21							8,10	7,95	9,16	7,70	16/11/21								6,15	9,08	9,03	7,50	19/11/21								7,98	8,95	8,46	6,62	
14/11/21							8,02	7,74	9,03	7,73	16/11/21								6,92	8,87	8,93	7,51	19/11/21								7,02	9,02	8,38	7,08	
14/11/21							7,99	7,43	8,84	7,75	16/11/21								6,75	8,79	8,88	7,47	19/11/21								6,99	9,19	8,38	7,23	
14/11/21							8,05	7,09	8,54	7,80	16/11/21								7,62	8,74	8,79	7,47	19/11/21								6,76	9,23	8,25	7,40	
14/11/21							7,98	6,85	8,27	7,74	16/11/21								7,97	8,62	8,66	7,37	19/11/21								6,17	9,05	8,47	7,37	
14/11/21							7,88	6,95	8,15	7,74	16/11/21								8,03	8,65	8,45														

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2		
	ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9		ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9		ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9		
20/11/21							7,77	8,93	8,29	7,01	22/11/21								7,53	9,07	8,00	4,92	25/11/21								8,01	10,17	8,33	3,02
20/11/21							6,64	8,97	8,14	7,02	22/11/21								7,64	9,35	7,94	4,74	25/11/21								8,07	10,13	8,29	3,27
20/11/21							6,16	9,08	8,02	6,85	22/11/21								7,77	9,58	7,98	4,54	25/11/21								8,07	10,05	8,34	3,51
20/11/21							5,87	9,08	8,01	6,87	22/11/21								8,12	9,10	8,01	4,31	25/11/21								8,17	9,93	8,32	3,78
20/11/21							5,67	9,28	8,07	6,95	22/11/21								8,17	8,97	8,06	4,10	25/11/21								8,25	9,45	8,24	3,98
20/11/21							5,54	9,83	8,44	7,07	22/11/21								8,12	9,02	8,13	3,90	25/11/21								8,27	9,27	8,28	4,16
20/11/21							5,30	10,42	9,49	7,19	22/11/21								7,98	8,94	8,18	5,22	25/11/21								7,67	9,21	8,39	4,32
20/11/21							5,28	10,18	9,92	7,20	22/11/21								7,86	8,93	8,18	5,92	25/11/21								7,62	9,18	8,37	4,40
20/11/21							5,16	9,98	10,52	7,23	23/11/21								7,43	8,80	8,24	6,20	25/11/21								7,57	9,26	8,36	4,43
20/11/21							4,69	9,93	10,49	7,30	23/11/21								7,25	8,67	8,26	6,39	25/11/21								7,61	9,20	8,36	4,39
20/11/21							4,08	10,07	10,37	7,28	23/11/21								7,22	8,54	8,16	6,31	25/11/21								7,73	9,25	8,38	4,27
20/11/21							3,89	10,28	10,27	7,30	23/11/21								6,75	8,52	8,04	5,98	25/11/21								7,93	9,27	8,30	4,12
20/11/21							3,62	10,26	9,99	7,35	23/11/21								7,55	8,47	7,84	5,64	25/11/21								8,27	9,34	8,21	4,02
20/11/21							3,67	9,98	9,60	7,37	23/11/21								7,95	8,35	7,75	5,29	25/11/21								8,25	9,30	8,15	3,97
20/11/21							3,87	9,79	9,25	7,28	23/11/21								7,87	8,45	7,67	4,93	25/11/21								8,30	9,25	8,08	4,05
20/11/21							3,91	9,58	8,83	6,95	23/11/21								7,71	8,65	7,73	5,23	25/11/21								8,36	9,17	8,16	4,23
20/11/21							3,85	9,43	8,34	6,61	23/11/21								7,96	8,98	7,74	4,93	25/11/21								8,33	9,13	8,44	4,38
20/11/21							7,68	9,34	8,07	6,62	23/11/21								7,80	9,00	7,69	4,79	25/11/21								8,15	9,14	8,37	4,48
20/11/21							8,31	9,22	8,10	6,50	23/11/21								7,96	8,95	7,66	4,57	25/11/21								8,36	9,20	8,41	4,56
20/11/21							8,33	9,43	8,08	6,81	23/11/21								8,00	8,95	7,68	4,35	25/11/21								8,32	9,70	8,12	4,65
20/11/21							8,20	9,82	8,25	7,02	23/11/21								8,00	8,61	7,69	4,13	25/11/21								8,30	9,99	8,36	4,75
20/11/21							8,15	9,53	8,64	7,11	23/11/21								8,07	8,50	7,72	3,91	25/11/21								8,26	9,94	8,76	4,82
20/11/21							8,18	9,52	8,80	7,11	23/11/21								8,05	8,50	7,71	3,69	25/11/21								7,54	9,93	8,98	4,82
20/11/21							8,17	9,60	8,88	7,03	23/11/21								8,00	8,36	7,80	4,80	25/11/21								7,11	9,93	9,23	4,90
20/11/21							8,11	9,55	8,77	7,04	23/11/21								7,89	8,30	7,75	4,76	25/11/21								6,86	9,96	9,25	4,98
20/11/21							8,05	9,43	8,85	7,05	23/11/21								7,99	8,07	7,72	4,48	25/11/21								6,96	9,96	9,22	4,88
20/11/21							7,98	9,45	8,97	7,04	23/11/21								7,99	8,11	7,74	4,24	25/11/21								6,85	9,84	9,22	4,66
21/11/21							7,79	9,28	9,00	7,03	23/11/21								8,01	8,19	7,77	4,01	25/11/21								7,00	9,93	9,16	4,43
21/11/21							7,15	9,07	8,88	6,95	23/11/21								8,04	8,21	7,72	3,79	25/11/21								7,29	9,83	9,08	4,22
21/11/21							7,03	9,09	8,73	6,82	23/11/21								8,09	8,36	7,74	3,58	25/11/21								7,34	9,74	8,96	4,02
21/11/21							6,53	8,99	8,55	6,20	23/11/21								8,18	8,73	7,74	3,42	25/11/21								7,51	9,75	8,82	3,87
21/11/21							6,44	8,87	8,40	6,31	23/11/21								8,27	8,49	7,81	3,24	25/11/21								8,01	9,73	8,75	3,80
21/11/21							6,33	9,08	8,42	6,62	23/11/21								8,35	8,81	7,86	3,04	25/11/21								8,15	9,65	8,77	3,90
21/11/21							5,95	8,99	8,49	6,72	23/11/21								8,29	8,87	7,86	2,97	25/11/21								8,06	9,53	8,80	4,01
21/11/21							5,42	8,85	8,61	6,80	23/11/21								8,12	8,74	7,87	3,20	25/11/21								7,97	9,45	8,81	4,11
21/11/21							4,70	8,82	8,58	6,90	23/11/21								8,26	9,00	8,01	3,85	25/11/21								7,97	9,37	8,63	4,18
21/11/21							4,18	8,86	8,44	6,71	23/11/21								8,50	9,57	8,46	4,44	25/11/21								7,95	9,33	8,66	4,25
21/11/21							3,85	8,86	8,24	6,79	23/11/21								8,53	9,90	9,47	4,65	26/11/21								7,91	9,39	8,65	4,28
21/11/21							3,41	8,78	8,06	6,62	23/11/21								8,42	9,71	10,02	4,68	26/11/21								7,81	9,42	8,55	4,29
21/11/21							3,15	8,48	7,74	6,22	23/11/21								8,28	9,58	10,12	4,59	26/11/21								7,66	9,32	8,45	4,29
21/11/21							3,24	8,55	7,65	6,30	23/11/21								8,04	9,95	9,74	4,46	26/11/21								7,62	9,21	8,41	4,28
21/11/21							3,43	8,63	7,69	6,40	23/11/21								7,49	10,23	9,13	4,29	26/11/21								7,58	9,14	8,33	4,28
21/11/21							6,43	8,77	8,00	6,48	23/11/21								7,00	10,02	8,69	4,04	26/11/21								7,48	9,07	8,23	4,31
21/11/21							7,55	8,81	8,25	6,51	23/11/21								6,65	9,77	8,53	3,73	26/11/21								7,36	8,96	8,12	4,40
21/11/21							7,72	8,78	8,26	6,57	23/11/21								6,19	9,67	8,34	3,42	26/11/21								7,20	8,83	8,07	4,53
21/11/21							7,66	8,73	8,18	6,59	23/11/21								6,72	9,52	8,27	3,13	26/11/21								6,96	8,79	8,03	4,68
21/11/21							7,52	8,67	8,02	6,65	23/11/21								8,20	9,35	8,18	2,88	26/11/21								6,82	8,75	7,99	4,84
21/11/21							7,38	8,72	7,83	6,73	23/11/21								8,14	9,31	8,05	2,67	26/11/21								5,88	8,69	7,95	4,96
21/11/21							7,10	8,81	7,76	6,73	23/11/21								7,35	9,25	7,92	2,54	26/11/21								5,37	8,70	7,89	5,05
21/11/21							8,83	7,69	6,72	23/11/21									7,53	9,42	7,88	2,48	26/11/21								4,99	8,75	8,00	5,11
21/11/21							8,75	7,73	6,67	23/11/21									7,47	9,39	7,97	2,47	26/11/21								4,93	8,93	8,00	5,12

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9		ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9		ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9
27/11/21	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l		mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l		mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
27/11/21							5,45	9,87	10,24	3,56	30/11/21							6,09	10,31	9,57	3,48	2/12/21							7,72	9,62	8,49	4,67
27/11/21							5,18	9,99	10,23	3,45	30/11/21							5,96	10,44	9,57	3,51	2/12/21							8,09	9,56	8,46	4,62
27/11/21							4,70	9,94	10,37	3,36	30/11/21							5,95	10,44	9,50	3,52	2/12/21							8,32	9,52	8,45	4,61
27/11/21							4,23	10,12	10,16	3,28	30/11/21							7,34	10,30	9,35	3,53	2/12/21							8,24	9,54	8,46	4,64
27/11/21							3,62	10,10	9,82	3,21	30/11/21							6,98	10,01	9,16	3,56	2/12/21							8,08	9,51	8,68	4,68
27/11/21							3,32	9,84	9,40	3,18	30/11/21							7,90	9,41	8,98	3,50	2/12/21							7,84	10,01	9,03	4,72
27/11/21							3,08	9,62	9,16	3,21	30/11/21							8,03	9,40	9,04	3,39	2/12/21							7,33	10,61	9,69	4,76
27/11/21							3,00	9,36	9,27	3,40	30/11/21							8,19	9,39	9,08	3,38	2/12/21							6,81	10,57	10,15	4,81
27/11/21							3,31	9,22	9,22	3,58	30/11/21							8,25	9,56	9,08	3,38	2/12/21							6,59	10,67	10,21	4,88
27/11/21							3,92	9,82	9,02	3,75	30/11/21							8,24	9,69	9,00	3,32	2/12/21							6,40	10,95	10,44	5,05
27/11/21							4,54	10,13	8,97	3,90	30/11/21							8,29	9,53	8,80	3,22	2/12/21							6,13	10,98	10,80	5,26
27/11/21							5,32	10,01	9,12	3,99	30/11/21							8,22	9,37	8,69	3,14	2/12/21							6,82	10,97	10,76	5,34
27/11/21							7,45	9,77	9,23	4,03	30/11/21							8,14	9,44	8,56	3,04	2/12/21							7,04	10,95	10,70	5,07
27/11/21							7,68	9,68	9,50	4,46	30/11/21							8,03	9,29	8,38	2,95	2/12/21							7,75	10,95	10,68	4,64
27/11/21							7,85	9,73	9,65	4,70	30/11/21							7,99	9,29	8,21	2,88	2/12/21							8,54	11,60	10,61	4,26
27/11/21							7,95	9,82	9,66	5,00	30/11/21							7,94	9,27	8,12	2,86	2/12/21							8,92	11,68	10,44	3,99
27/11/21							7,84	9,93	9,53	5,18	30/11/21							7,75	9,36	8,03	2,94	2/12/21							9,05	11,70	10,28	3,80
27/11/21							7,98	9,71	9,39	5,22	30/11/21							7,55	9,25	8,01	3,07	2/12/21							9,13	11,34	10,08	3,66
28/11/21							8,31	9,49	9,34	5,23	30/11/21							7,13	9,03	7,97	3,29	2/12/21							8,56	10,54	10,00	3,55
28/11/21							7,92	9,35	9,46	5,22	30/11/21							6,72	8,96	7,92	3,57	2/12/21							8,52	11,05	9,85	3,48
28/11/21							7,98	9,46	9,40	5,21	30/11/21							6,41	9,09	8,55	3,85	2/12/21							8,40	10,74	9,60	3,41
28/11/21							8,28	9,37	9,22	4,60	30/11/21							6,14	9,45	8,58	4,07	2/12/21							8,24	10,39	9,43	3,33
28/11/21							8,41	9,37	9,08	4,04	30/11/21							5,81	9,95	8,85	4,25	2/12/21							8,74	10,24	9,23	3,25
28/11/21							7,99	9,18	8,92	3,79	30/11/21							5,56	10,00	9,16	4,48	2/12/21							8,83	10,44	8,96	3,16
28/11/21							8,21	9,29	8,80	3,73	30/11/21							5,51	9,92	9,53	4,68	2/12/21							8,85	10,63	8,80	3,07
28/11/21							8,45	9,36	8,69	3,89	30/11/21							7,64	10,09	10,16	4,79	2/12/21							8,71	10,14	8,64	2,99
28/11/21							8,05	9,44	8,56	4,34	30/11/21							8,54	10,75	10,64	4,80	2/12/21							8,25	9,78	8,51	2,91
28/11/21							7,96	9,46	8,47	4,79	30/11/21							9,00	11,23	10,79	4,76	2/12/21							8,14	9,69	8,45	2,88
28/11/21							7,67	9,37	8,32	5,11	30/11/21							9,15	11,82	10,93	4,73	3/12/21							8,15	9,87	8,39	2,93
28/11/21							7,83	9,03	8,27	5,20	30/11/21							9,11	12,62	10,91	4,71	3/12/21							7,69	10,61	8,36	3,16
28/11/21							7,87	8,81	8,23	4,96	30/11/21							9,14	11,69	10,90	4,69	3/12/21							7,35	10,16	8,49	3,46
28/11/21							7,78	8,80	8,12	4,60	30/11/21							9,11	11,56	10,77	4,64	3/12/21							7,18	10,19	8,61	3,77
28/11/21							7,54	8,79	8,04	4,30	30/11/21							8,94	11,69	10,57	4,58	3/12/21							7,03	10,33	8,67	3,98
28/11/21							7,32	8,68	7,96	4,07	30/11/21							8,79	11,93	10,42	4,53	3/12/21							6,61	10,46	8,70	4,13
28/11/21							7,12	8,70	7,91	4,02	30/11/21							8,74	11,96	10,35	4,49	3/12/21							6,41	10,39	8,76	4,23
28/11/21							6,90	8,68	7,87	4,11	30/11/21							8,85	11,94	10,46	4,45	3/12/21							6,30	10,05	8,80	4,29
28/11/21							6,75	8,67	7,95	4,19	30/11/21							8,94	11,43	10,42	4,39	3/12/21							6,16	10,02	8,44	4,34
28/11/21							6,70	8,69	8,54	4,17	30/11/21							8,95	10,68	10,11	4,26	3/12/21							6,69	9,68	8,84	4,37
28/11/21							6,38	8,80	8,67	4,18	30/11/21							8,82	10,68	9,89	4,08	3/12/21							7,92	9,48	8,73	4,39
28/11/21							5,77	9,47	8,77	4,23	30/11/21							8,66	10,72	9,59	3,88	3/12/21							8,19	9,31	8,68	4,39
28/11/21							5,72	9,90	8,81	4,40	30/11/21							8,52	10,69	9,41	3,68	3/12/21							8,20	9,29	8,70	4,39
28/11/21							5,64	9,94	9,21	4,34	30/11/21							8,47	10,68	9,29	3,50	3/12/21							7,53	9,26	8,67	4,41
28/11/21							5,45	9,86	9,77	4,09	30/11/21							8,37	10,47	9,15	3,33	3/12/21							7,70	9,20	8,61	4,47
28/11/21							6,15	10,02	9,90	3,72	30/11/21							8,23	9,99	9,02	3,18	3/12/21							6,91	9,33	8,54	4,54
28/11/21							7,13	9,88	9,97	3,36	30/11/21							8,13	9,88	8,98	3,05	3/12/21							6,76	9,38	8,47	3,56
28/11/21							7,48	10,15	9,97	3,04	30/11/21							8,03	10,56	9,04	2,92	3/12/21							6,80	9,29	8,37	4,55
28/11/21							7,55	10,01	9,98	2,76	30/11/21							7,86	10,82	8,93	2,82	3/12/21							6,89	9,34	8,29	4,52
28/11/21							7,68	10,22	10,08	2,54	1/12/21							7,49	10,86	8,91	2,74	3/12/21							6,75	9,33	8,22	4,47
28/11/21							7,96	10,02	9,88	2,40	1/12/21							7,16	10,83	8,98	2,66	3/12/21							6,66	9,33	8,26	4,38
28/11/21							8,14	9,28	9,49	2,27	1/12/21							7,12	10,90	9,14	2,59	3/12/21							6,58	9,30	8,37	4,23
28/11/21							8,36	8,98	8,92	2,16	1/12/21							7,05	10,65	9,35	2,54	3/12/21							6,36	9,29	8,36	4,06
28/11/21							8,55	8,92	8,50	2,06	1/12/21							6,99	10,21	9,5												

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9		ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9		ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9
4/12/21							8,86	11,63	9,86	5,57	7/12/21							8,74	10,35	8,83	7,62	9/12/21							8,29	10,07	9,73	6,33
4/12/21							8,80	10,91	9,74	5,49	7/12/21							8,74	10,31	8,84	7,54	9/12/21							8,14	10,06	9,92	6,39
4/12/21							8,67	10,45	9,71	5,41	7/12/21							8,75	10,35	8,85	7,41	9/12/21							7,67	9,93	9,97	6,25
4/12/21							8,68	10,56	9,63	5,33	7/12/21							8,68	10,28	8,80	7,29	9/12/21							7,37	9,96	9,86	6,13
4/12/21							8,67	10,61	9,52	5,25	7/12/21							8,69	9,80	8,74	7,21	9/12/21							7,10	10,17	9,70	6,09
4/12/21							8,71	10,29	9,37	5,16	7/12/21							8,73	9,46	8,73	7,14	9/12/21							6,87	10,32	9,55	5,97
4/12/21							8,66	10,15	9,24	5,08	7/12/21							8,76	9,48	8,70	7,00	9/12/21							6,77	10,24	9,56	5,78
4/12/21							8,71	10,25	9,11	5,00	7/12/21							8,74	9,32	8,70	6,91	9/12/21							6,55	10,17	9,56	5,58
4/12/21							8,63	10,35	8,94	4,91	7/12/21							8,70	9,34	8,76	6,77	9/12/21							6,39	10,14	9,45	5,46
5/12/21							8,50	10,40	8,59	4,83	7/12/21							8,72	9,49	8,87	6,68	9/12/21							6,41	10,12	9,36	5,36
5/12/21							8,50	10,37	8,35	4,84	7/12/21							8,70	9,74	8,78	6,66	9/12/21							6,84	9,53	9,28	5,30
5/12/21							8,48	9,89	8,25	5,11	7/12/21							8,69	9,80	8,71	6,80	9/12/21							7,30	9,36	9,35	5,19
5/12/21							8,21	9,88	8,33	5,49	7/12/21							8,72	9,81	8,69	7,02	9/12/21							7,24	9,19	9,49	5,08
5/12/21							7,45	9,97	8,27	5,80	7/12/21							8,69	9,97	8,57	7,18	9/12/21							6,89	8,96	9,46	4,96
5/12/21							7,47	10,32	8,35	6,08	7/12/21							8,74	9,94	8,45	7,27	9/12/21							7,53	8,86	9,28	4,84
5/12/21							7,47	10,68	8,47	6,30	7/12/21							8,60	9,93	8,38	7,33	9/12/21							7,20	8,91	9,19	4,70
5/12/21							7,30	10,68	8,77	6,49	7/12/21							8,51	10,07	8,53	7,39	9/12/21							6,97	8,96	9,04	4,57
5/12/21							7,22	10,48	8,95	6,65	7/12/21							8,16	10,14	8,76	7,41	9/12/21							7,16	8,99	8,90	4,43
5/12/21							7,04	10,40	8,86	6,70	7/12/21							7,75	10,49	9,36	7,40	9/12/21							6,95	9,00	8,80	4,32
5/12/21							6,85	10,20	8,82	6,66	7/12/21							7,53	11,45	9,75	7,38	10/12/21							6,70	9,05	8,71	4,23
5/12/21							6,91	9,83	8,86	6,66	7/12/21							7,27	11,36	10,26	7,30	10/12/21							6,50	9,08	8,64	4,20
5/12/21							7,50	9,58	8,80	6,68	7/12/21							6,99	11,15	10,53	7,20	10/12/21							6,61	9,07	8,58	4,22
5/12/21							7,87	9,43	8,76	6,76	7/12/21							6,84	11,73	10,69	7,06	10/12/21							6,87	9,05	8,50	6,15
5/12/21							8,05	9,40	8,68	6,81	7/12/21							6,68	11,18	10,71	6,94	10/12/21							6,79	9,07	8,42	6,89
5/12/21							8,30	9,37	8,62	6,88	7/12/21							6,51	11,02	10,70	6,82	10/12/21							7,17	9,01	8,37	7,14
5/12/21							8,24	9,66	8,57	6,91	7/12/21							6,32	11,19	10,62	6,73	10/12/21							7,93	8,98	8,32	7,34
5/12/21							8,06	9,68	8,47	6,91	7/12/21							6,22	11,05	10,37	6,60	10/12/21							8,07	8,97	8,28	7,41
5/12/21							7,49	9,57	8,36	6,88	7/12/21							6,33	11,16	10,26	6,40	10/12/21							8,17	8,94	8,23	7,65
5/12/21							6,99	9,60	8,31	6,81	7/12/21							6,35	11,53	10,34	6,25	10/12/21							7,92	8,93	8,25	7,61
5/12/21							6,79	9,62	8,31	6,75	7/12/21							6,29	11,55	10,33	6,20	10/12/21							7,85	8,95	8,21	7,61
5/12/21							6,49	9,65	8,31	6,72	7/12/21							6,07	11,36	10,14	6,09	10/12/21							7,78	8,98	8,15	7,65
5/12/21							6,45	9,53	8,34	6,69	7/12/21							6,33	11,07	9,88	5,99	10/12/21							7,66	9,09	8,65	7,70
5/12/21							6,36	9,46	8,37	6,68	7/12/21							7,38	10,88	9,67	5,91	10/12/21							7,57	9,13	8,51	7,69
5/12/21							6,65	9,48	8,36	6,66	7/12/21							8,78	11,13	9,58	5,84	10/12/21							7,31	9,48	8,49	7,70
5/12/21							7,46	9,48	8,30	6,66	7/12/21							9,19	11,44	9,56	5,79	10/12/21							6,74	9,91	8,61	7,76
5/12/21							8,02	9,53	8,40	6,61	7/12/21							9,16	11,48	9,82	5,74	10/12/21							6,24	10,17	8,68	7,78
5/12/21							8,30	9,96	8,90	6,58	7/12/21							9,11	10,73	10,07	5,69	10/12/21							5,93	10,27	8,66	7,71
5/12/21							8,32	10,14	9,42	6,55	7/12/21							9,16	10,73	10,08	5,64	10/12/21							5,90	10,20	8,75	7,64
5/12/21							8,20	10,15	9,93	6,56	8/12/21							9,17	10,79	9,97	5,57	10/12/21							5,92	10,21	8,97	7,61
5/12/21							8,03	10,03	10,53	6,59	8/12/21							9,16	10,68	9,83	5,49	10/12/21							6,03	10,14	9,29	7,63
5/12/21							7,92	10,51	10,71	6,73	8/12/21							9,05	10,61	9,73	5,44	10/12/21							6,12	9,88	9,51	7,49
5/12/21							7,60	10,58	10,78	6,90	8/12/21							9,04	10,50	9,70	5,40	10/12/21							7,06	9,63	9,74	7,38
5/12/21							7,04	10,41	11,07	6,70	8/12/21							9,07	10,22	9,70	5,40	10/12/21							7,79	9,52	10,03	7,33
5/12/21							6,51	10,55	10,69	6,41	8/12/21							9,09	10,11	9,63	5,43	10/12/21							7,94	9,58	10,32	7,35
5/12/21							6,12	10,51	10,30	6,14	8/12/21							9,03	10,24	9,26	5,54	10/12/21							7,87	9,68	10,48	7,40
5/12/21							5,92	10,50	9,89	5,98	8/12/21							9,10	10,07	8,79	5,90	10/12/21							7,85	9,78	10,48	7,52
5/12/21							8,48	10,58	9,75	5,83	8/12/21							9,03	10,03	8,63	6,22	10/12/21							8,16	10,01	10,49	7,42
5/12/21							8,95	10,64	9,64	5,71	8/12/21							9,03	10,13	8,79	6,43	10/12/21							8,61	9,93	10,30	7,34
5/12/21							8,89	11,13	9,44	5,63	8/12/21							8,90	10,40	8,58	6,58	10/12/21							8,72	9,79	9,73	7,59
5/12/21							8,84	11,39	9,38	5,53	8/12/21							8,91	10,54	8,41	6,74	10/12/21							8,92	9,73	9,32	7,71
5/12/21							8,79	11,31	9,47	5,49	8/12/21							9,04	10,56	8,74	6,85	10/12/21							8,90	9,78	9,19	7,71
5/12/21							8,75	10,53	9,47	5,55	8/12/21							9,06	10,56	9,02	6,71	10/12/21							9,16	9,81	9,03	7,69
5/12/21							8,72	10,26	9,52	5,54	8/12/21							9,02	10,30	9,13	6,49	10/12/21							9,26	9,76		

PNC1										ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1										ENC1		ENC2	ENC4	PC1	EC	PC2
data	ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9	data	ve1	ve2	ve5	ve10	ve3		ve4	ve6	ve7	ve8	ve9	data	ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9	
	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l		mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l		mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l		
12/12/21							5,88	11,22	10,82	6,93	14/12/21								9,08	11,25	9,51	7,00	16/12/21								10,76		6,19	
12/12/21							6,11	11,69	10,69	6,91	14/12/21								8,95	11,15	9,59	7,01	16/12/21								10,74		6,18	
12/12/21							7,11	11,25	10,58	6,91	14/12/21								8,70	11,88	9,74	7,00	16/12/21								10,53		6,31	
12/12/21							7,83	10,73	10,43	6,98	14/12/21								8,42	13,36	10,14	7,04	16/12/21								10,34		6,32	
12/12/21							8,22	10,46	10,17	7,24	14/12/21								8,31	13,87	10,74	7,04	16/12/21								10,18		6,32	
12/12/21							8,47	10,41	9,85	7,46	14/12/21								8,00	14,13	11,30	7,09	16/12/21								10,17		6,31	
12/12/21							8,45	10,22	9,61	7,63	14/12/21								7,87	13,82	11,88	7,13	16/12/21								10,06		6,33	
12/12/21							8,40	10,39	9,49	7,74	14/12/21								7,73	13,60	12,19	7,19	16/12/21								9,91		7,32	
12/12/21							8,22	10,53	9,38	7,82	14/12/21								7,69	14,14	12,50	7,29	16/12/21								9,77		7,86	
12/12/21							7,56	10,54	9,26	7,83	14/12/21								7,64	14,53	12,90	7,43	16/12/21								9,67		8,00	
12/12/21							6,68	10,34	9,10	7,79	14/12/21								7,44	14,76	13,07	7,44	17/12/21								9,51		8,00	
12/12/21							6,34	10,11	8,98	7,77	14/12/21								6,93	15,45	13,09	7,31	17/12/21								9,35		8,48	
12/12/21							6,30	9,94	8,89	7,74	14/12/21								6,50	15,74	13,23	7,20	17/12/21								9,19		8,71	
12/12/21							6,23	9,86	8,82	7,77	14/12/21								6,32	15,95	13,20	7,11	17/12/21								9,05		8,97	
12/12/21							6,33	9,85	8,87	7,72	14/12/21								6,37	15,91	13,06	7,02	17/12/21								8,94		9,18	
12/12/21							6,30	9,99	8,93	7,50	14/12/21								7,66	16,14	12,76	6,95	17/12/21								8,74		9,33	
12/12/21							6,33	10,10	8,93	7,26	14/12/21								8,87	16,43	12,53	6,86	17/12/21								8,63		8,73	
12/12/21							6,34	10,26	8,92	7,29	14/12/21								9,60	16,19	12,43	6,94	17/12/21								8,47		9,26	
12/12/21							6,20	10,81	9,09	7,30	14/12/21								10,13	15,54	12,44	7,01	17/12/21								8,32		9,09	
12/12/21							5,73	10,94	9,35	7,31	14/12/21								10,61	14,26	12,33	7,12	17/12/21								8,22		8,94	
12/12/21							5,35	11,07	9,85	7,24	14/12/21								10,69	13,35	12,21	7,07	17/12/21								8,13		9,12	
12/12/21							4,75	10,74	10,46	7,28	14/12/21								10,41	13,18	12,01	6,98	17/12/21								8,38		9,15	
12/12/21							4,41	11,07	10,79	7,33	14/12/21								10,14	13,13	11,69	6,95	17/12/21								8,79		9,21	
12/12/21							4,34	11,57	11,19	7,34	14/12/21								9,98	12,99	11,45	6,98	17/12/21								8,90		9,26	
12/12/21							4,30	11,79	11,62	7,39	14/12/21								9,80	12,49	11,32	7,27	17/12/21								9,07		9,32	
12/12/21							4,24	12,14	11,83	7,43	14/12/21								9,74	12,21	11,19	7,71	17/12/21								9,15		9,40	
12/12/21							4,28	12,71	11,96	7,43	14/12/21								9,62	12,01	10,91	7,95	17/12/21								9,19		9,45	
12/12/21							4,40	13,49	12,20	7,44	14/12/21								9,46	12,05	10,79	8,09	17/12/21								9,53		8,66	
12/12/21							4,43	12,98	12,51	7,40	14/12/21								9,35	12,72	10,91	8,21	17/12/21								8,07		9,53	
12/12/21							4,33	13,31	12,69	7,38	15/12/21								9,28	12,91	10,97	8,35	17/12/21								7,82		9,44	
12/12/21							4,43	13,78	12,51	7,34	15/12/21								9,18	13,44	11,07	8,58	17/12/21								7,62		9,20	
12/12/21							4,68	14,74	12,38	7,46	15/12/21								8,91	13,55	11,22	8,74	17/12/21								7,53		9,22	
12/12/21							4,81	13,66	12,17	7,63	15/12/21								8,47	13,63	11,36	8,74	17/12/21								7,52		9,21	
12/12/21							4,88	12,44	11,50	7,63	15/12/21								8,51	13,58	11,40	8,66	17/12/21								7,70		9,08	
12/12/21							4,87	12,23	11,07	7,72	15/12/21								8,95	13,36	11,29	8,55	17/12/21								8,88		9,23	
12/12/21							4,88	11,90	11,01	7,92	15/12/21								9,21	12,92	11,30	8,45	17/12/21								9,17		9,12	
12/12/21							4,84	11,57	10,70	7,97	15/12/21								9,32	12,42	11,27	8,24	17/12/21								9,62		9,40	
12/12/21							4,76	11,36	10,41	7,97	15/12/21								9,34	12,17	11,22	8,22	17/12/21								9,39		9,85	
12/12/21							4,70	11,30	10,25	7,80	15/12/21								9,21	12,10	11,21	8,27	17/12/21								9,89		9,37	
12/12/21							4,61	11,69	10,22	7,64	15/12/21								9,11	11,94	11,22	8,47	17/12/21								10,05		9,25	
12/12/21							4,52	11,89	10,22	7,68	15/12/21								9,20	11,81	11,04	8,71	17/12/21								10,24		9,08	
12/12/21							4,48	13,11	10,42	7,66	15/12/21								9,23	11,77	10,92	8,89	17/12/21								10,30		8,96	
12/12/21							4,52	13,56	10,87	7,59	15/12/21								9,22	11,78	10,77	9,10	17/12/21								10,20		8,79	
12/12/21							4,66	13,15	11,46	7,56	15/12/21								9,15	11,97	10,52	9,28	17/12/21								10,04		8,65	
12/12/21							4,74	12,94	11,68	7,57	15/12/21								9,10	12,31	10,17	9,39	17/12/21								9,87		8,52	
12/12/21							4,77	12,55	11,95	7,57	15/12/21								9,11	12,48	9,82	9,50	17/12/21								9,71		8,40	
12/12/21							4,65	12,39	12,27	7,62	15/12/21								9,02	12,78	9,59	9,54	17/12/21								9,56		8,32	
12/12/21							4,61	12,70	12,25	7,63	15/12/21								8,87	12,46	9,35	9,50	17/12/21								8,87		8,36	
13/12/21							4,59	12,96	12,07	7,55	15/12/21								8,43	12,14	9,22	9,37	17/12/21								10,13		8,78	
13/12/21							4,57	12,65	11,87	7,57	15/12/21								8,12	11,73	9,00	9,32	17/12/21								10,13		9,10	
13/12/21							4,54	12,53	11,77	7,57	15/12/21								7,85	11,69	9,21	9,24	17/12/21								9,90		9,34	
13/12/21							4,49	12,12	11,67	7,79	15/12/21								7,61	13,50	9,80	9,15	17/12/21								9,51		9,56	
13/12/21							4,40	11,60	11,42	8,03	15/12/21								7,52	14,12	10,45	9,14	17/12/21								9,30		9,63	
13/12/21							4,84	11,29	11,23	8,18	15/12/21																							

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l
19/12/21							8,42			9,68	21/12/21																			23/12/21		
19/12/21							8,33			9,52	21/12/21																			24/12/21		
19/12/21							8,13			9,37	21/12/21																			24/12/21		
19/12/21							8,01			9,42	21/12/21																			24/12/21		
19/12/21							7,96			9,47	21/12/21																			24/12/21		
19/12/21							8,79			9,52	21/12/21																			24/12/21		
19/12/21							9,62			9,54	21/12/21																			24/12/21		
19/12/21							9,72			9,56	21/12/21																			24/12/21		
19/12/21							9,70			9,52	21/12/21																			24/12/21		
19/12/21							9,66			9,57	21/12/21																			24/12/21		
19/12/21							9,53			9,59	21/12/21																			24/12/21		
19/12/21							9,26			9,61	21/12/21																			24/12/21		
19/12/21							9,13			9,59	21/12/21																			24/12/21		
19/12/21							8,98			9,49	21/12/21																			24/12/21		
19/12/21							8,86			9,38	21/12/21																			24/12/21		
19/12/21							8,69			9,40	21/12/21																			24/12/21		
19/12/21							8,37			9,50	21/12/21																			24/12/21		
19/12/21							8,12			9,58	21/12/21																			24/12/21		
19/12/21							7,85			9,72	21/12/21																			24/12/21		
19/12/21							7,77			9,78	21/12/21																			24/12/21		
19/12/21							7,67			9,72	22/12/21																			24/12/21		
19/12/21							7,72			9,77	22/12/21																			24/12/21		
19/12/21							7,77			9,87	22/12/21																			24/12/21		
19/12/21							7,87			9,86	22/12/21																			24/12/21		
19/12/21							7,97			9,79	22/12/21																			24/12/21		
19/12/21							8,06			9,73	22/12/21																			24/12/21		
19/12/21							8,03			9,54	22/12/21																			24/12/21		
19/12/21							7,93			9,59	22/12/21																			24/12/21		
19/12/21							8,08			9,51	22/12/21																			24/12/21		
19/12/21							9,55			9,42	22/12/21																			24/12/21		
19/12/21							10,14			9,42	22/12/21																			24/12/21		
19/12/21							10,08			9,55	22/12/21																			24/12/21		
19/12/21							9,92			9,61	22/12/21																			24/12/21		
19/12/21							9,93			9,64	22/12/21																			24/12/21		
19/12/21							9,92			9,65	22/12/21																			24/12/21		
19/12/21							9,91			9,65	22/12/21																			24/12/21		
19/12/21							9,78			9,68	22/12/21																			24/12/21		
19/12/21							9,69			9,68	22/12/21																			24/12/21		
19/12/21							9,61			9,60	22/12/21																			24/12/21		
20/12/21							9,55			9,59	22/12/21																			24/12/21		
20/12/21							9,47			9,59	22/12/21																			24/12/21		
20/12/21							9,32			9,54	22/12/21																			24/12/21		
20/12/21							9,19			9,37	22/12/21																			24/12/21		
20/12/21							9,08			9,44	22/12/21																			24/12/21		
20/12/21							8,98			9,49	22/12/21																			24/12/21		
20/12/21							8,89			9,51	22/12/21																			24/12/21		
20/12/21							8,82			9,48	22/12/21																			24/12/21		
20/12/21							8,69			9,56	22/12/21																			24/12/21		
20/12/21							8,16			9,62	22/12/21																			24/12/21		
20/12/21							7,98			9,64	22/12/21																			25/12/21		
20/12/21							8,57			9,61	22/12/21																			25/12/21		
20/12/21							9,05			9,56	22/12/21																			25/12/21		
20/12/21							9,10			9,28	22/12/21																			25/12/21		
20/12/21							9,24			9,40	22/12/21																			25/12/21		
20/12/21							9,40			9,41	22/12/21																			25/12/21		
20/12/21							9,33			9,42	22/12/21																			25/12/21		
20/12/21							9,29			9,43	22/12/21																			25/12/21		
20/12/21							9,33			9,43	22/12/21																			25/12/21		
20/12/21							9,31			9,40	22/12/21																			25/12/21		
20/12/21							9,29			9,43	22/12/21																			25/12/21		
20/12/21							9,26			9,40	22/12/21																			25/12/21		
20/12/21							9,20			9,39	22/12/21																			25/12/21		
20/12/21							9,14			9,06	22/12/21																			25/12/21		
20/12/21							9,20			8,84	22/12/21																			25/12/21		
20/12/21							9,19			8,94	22/12/21																			25/12/21		
20/12/21							8,95			9,21	22/12/21																			25/12/21		
20/12/21							8,72			9,37	22/12/21																			25/12/21		
20/12/21							8,50			9,48	22/12/21																			25/12/21		
20/12/21							8,32			9,56	23/12/21																			25/12/21		
20/12/21							8,35			9,64	23/12/21																			25/12/21		
20/12/21							9,20			9,69	23/12/21																			25/12/21		
20/12/21							8,57			9,72	23/12/21														</							

	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l
26/12/21	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	28/12/21	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	31/12/21	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l
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	ve1	ve2	ve5	ve10	ve3							ve1	ve2	ve5	ve10	ve3							ve1	ve2	ve5	ve10	ve3					
15/1/22	mg/l	mg/l	mg/l	mg/l	mg/l						17/1/22	mg/l	mg/l	mg/l	mg/l	mg/l						20/1/22	mg/l	mg/l	mg/l	mg/l	mg/l					
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data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9		ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9		ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9
29/1/22											1/2/22											3/2/22	11.15						10.67	11.68	9.96	
29/1/22											1/2/22											3/2/22	11.26						10.76	12.11	9.83	
29/1/22											1/2/22											3/2/22	11.79						10.99	12.60	10.01	
29/1/22											1/2/22											3/2/22	11.76						11.09	13.09	10.79	
29/1/22											1/2/22											3/2/22	11.36						11.40	13.51	11.39	
29/1/22											1/2/22											3/2/22	10.81						11.16	13.35	11.84	
29/1/22											1/2/22											3/2/22	10.35						11.15	13.50	12.16	
29/1/22											1/2/22											3/2/22	9.85						11.16	13.71	12.27	
29/1/22											1/2/22											3/2/22	10.05						11.26	14.89	12.27	
29/1/22											1/2/22											3/2/22	9.98						11.29	15.38	11.66	
29/1/22											1/2/22											3/2/22	9.81						11.15	14.48	11.23	
29/1/22											1/2/22											3/2/22	9.69						11.05	14.35	10.96	
30/1/22											1/2/22											3/2/22	9.55						11.01	14.59	10.74	
30/1/22											1/2/22											3/2/22	9.51						11.01	14.41	10.75	
30/1/22											1/2/22	9.97										3/2/22	9.55						10.83	14.08	10.70	
30/1/22											1/2/22	10.32										3/2/22	9.59						10.79	13.91	10.65	
30/1/22											1/2/22	10.14										3/2/22	9.52						11.09	14.17	10.64	
30/1/22											1/2/22	10.73										3/2/22	9.58						10.73	14.35	10.82	
30/1/22											1/2/22	10.02										3/2/22	9.70						10.68	13.87	10.97	
30/1/22											1/2/22	9.80										3/2/22	9.72						10.72	13.56	11.05	
30/1/22											1/2/22	10.10										3/2/22	10.08						10.73	13.11	11.22	
30/1/22											1/2/22	9.80										3/2/22	10.70						10.44	12.74	11.26	
30/1/22											1/2/22	9.78										4/2/22	11.04						10.31	12.55	11.30	
30/1/22											1/2/22	10.20										4/2/22	11.19						10.67	12.86	11.26	
30/1/22											1/2/22	11.50										4/2/22	11.20						10.82	12.07	11.13	
30/1/22											1/2/22	11.89										4/2/22	11.14						10.83	11.33	10.79	
30/1/22											1/2/22	11.84										4/2/22	11.12						10.77	11.27	10.27	
30/1/22											1/2/22	11.79										4/2/22	11.08						10.73	11.24	9.92	
30/1/22											1/2/22	11.53										4/2/22	11.11						10.74	11.33	9.86	
30/1/22											1/2/22	11.09										4/2/22	11.03						10.68	11.34	9.81	
30/1/22											1/2/22	10.91										4/2/22	11.00						10.53	11.50	9.72	
30/1/22											1/2/22	10.73										4/2/22	10.68						10.35	11.75	9.58	
30/1/22											1/2/22	10.73										4/2/22	10.40						10.25	12.01	9.87	
30/1/22											1/2/22	11.07										4/2/22	10.27						10.26	11.96	10.17	
30/1/22											1/2/22	11.13										4/2/22	9.71						10.23	11.96	10.16	
30/1/22											1/2/22	10.85										4/2/22	9.16						10.21	11.73	10.11	
30/1/22											1/2/22	10.82										4/2/22	8.82						10.14	11.64	10.10	
30/1/22											1/2/22	10.62										4/2/22	8.72						10.17	11.52	10.03	
30/1/22											1/2/22	10.51										4/2/22	8.92						10.13	11.15	9.95	
30/1/22											1/2/22	10.52										4/2/22	9.25						9.95	10.96	9.94	
30/1/22											1/2/22	10.51										4/2/22	9.73						9.88	10.93	9.94	
30/1/22											2/2/22	10.71										4/2/22	9.89						9.91	10.86	10.06	
30/1/22											2/2/22	10.66										4/2/22	9.95						9.98	10.86	10.12	
30/1/22											2/2/22	11.34										4/2/22	10.21						10.03	10.90	10.09	
30/1/22											2/2/22	11.27										4/2/22	10.57						10.24	11.05	9.99	
30/1/22											2/2/22	10.92										4/2/22	10.80						10.41	10.94	9.92	
30/1/22											2/2/22	10.10										4/2/22	11.03						10.48	11.01	9.82	
30/1/22											2/2/22	9.89										4/2/22	11.08						10.54	11.03	9.71	
30/1/22											2/2/22	9.70										4/2/22	11.29						10.53	11.33	9.78	
30/1/22											2/2/22	9.53										4/2/22	11.23						10.43	11.39	9.76	
30/1/22											2/2/22	9.33										4/2/22	10.39						10.55	12.25	9.90	
30/1/22											2/2/22	9.08										4/2/22	10.14						10.98	13.23	10.18	
30/1/22											2/2/22	8.90										4/2/22	10.24						11.15	13.34	10.93	
30/1/22											2/2/22	8.81										4/2/22	10.24						11.16	13.46	11.11	
30/1/22											2/2/22	8.76										4/2/22	10.06						11.28	13.10	11.51	
30/1/22											2/2/22	8.86										4/2/22	9.66						11.17	13.09	11.73	
30/1/22											2/2/22	9.02										4/2/22	9.67						11.16	14.19	11.68	
30/1/22											2/2/22	9.11										4/2/22	9.68						11.25	15.03	11.50	
30/1/22											2/2/22	9.40										4/2/22	9.77						11.27	14.21	11.16	
30/1/22											2/2/22	9.54										4/2/22	9.72						11.18	13.45	10.91	
31/1/22											2/2/22	9.83										4/2/22	9.90						11.10	13.47	10.60	
31/1/22											2/2/22	10.09										4/2/22	9.96						11.05	13.53	10.44	
31/1/22											2/2/22	10.52										4/2/22	9.92						11.02	13.35	10.39	
31/1/22											2/2/22	10.69										4/2/22	9.88						10.89	13.17	10.42	
31/1/22											2/2/22	10.94										4/2/22	9.91						10.77	1		

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l
5/2/22	10.82						11.70	13.67	11.27	8/2/22	8.17							9.61	10.96	8.69	10/2/22	13.51							12.29	15.22	13.47	
5/2/22	10.91						11.51	13.28	11.44	8/2/22	8.75							9.65	10.81	8.90	10/2/22	13.47							12.32	13.32	13.16	
5/2/22	11.14						11.27	12.85	11.49	8/2/22	8.67							9.76	10.88	9.54	10/2/22	13.21							12.75	13.91	12.10	
6/2/22	11.36						11.14	13.06	11.40	8/2/22	9.41							9.83	10.83	9.79	10/2/22	13.18							13.08	13.06	11.84	
6/2/22	11.54						11.05	12.56	11.08	8/2/22	9.75							9.96	10.99	9.84	10/2/22	13.17							13.23	12.66	11.61	
6/2/22	11.53						10.89	12.06	10.70	8/2/22	8.61							10.10	11.66	9.91	10/2/22	13.37							13.18	12.41	11.30	
6/2/22	11.56						10.92	11.81	10.49	8/2/22	11.23							10.17	11.88	9.97	10/2/22	13.18							12.68	12.15	11.00	
6/2/22	11.64						10.97	11.72	10.21	8/2/22	11.67							10.29	11.17	9.97	10/2/22	12.99							12.47	11.90	10.78	
6/2/22	11.37						10.93	11.74	9.99	8/2/22	11.14							10.41	11.15	9.90	10/2/22	13.21							12.48	11.88	10.61	
6/2/22	11.22						10.86	11.76	9.87	8/2/22	11.75							10.56	11.51	9.89	10/2/22	13.26							12.42	11.69	10.47	
6/2/22	10.54						10.88	11.74	9.79	8/2/22	12.01							10.68	12.32	9.86	10/2/22	13.08							12.23	11.49	10.32	
6/2/22	10.22						10.90	11.42	9.75	8/2/22	10.78							10.96	12.68	9.83	10/2/22	10.83							12.36	11.39	10.20	
6/2/22	10.31						10.91	11.59	9.83	8/2/22	10.20							10.99	13.08	9.93	10/2/22	11.16							12.26	11.32	10.12	
6/2/22	10.13						10.85	11.87	9.67	8/2/22	11.38							11.15	13.44	10.00	11/2/22	10.86							12.14	11.30	10.05	
6/2/22	9.19						11.17	12.18	10.08	8/2/22	13.23							11.45	12.85	10.00	11/2/22	11.45							11.28	11.28	10.05	
6/2/22	9.10						10.98	12.55	10.09	8/2/22	11.77							11.41	12.16	10.72	11/2/22	12.22							10.62	10.20	10.02	
6/2/22	8.93						10.73	12.73	10.08	8/2/22	12.39							11.35	13.80	12.14	11/2/22	12.40							10.32	11.15	9.88	
6/2/22	8.88						10.56	12.75	10.20	8/2/22	12.31							11.18	17.83	14.09	11/2/22	12.48							10.58	11.06	9.91	
6/2/22	8.90						10.47	12.67	10.22	8/2/22	11.96							11.21	18.78	14.31	11/2/22	12.45							10.60	10.80	9.93	
6/2/22	8.89						10.40	12.75	10.15	8/2/22	12.26							11.23	19.37	14.34	11/2/22	12.50							10.51	10.70	9.91	
6/2/22	8.89						10.35	12.56	10.17	8/2/22	12.69							11.23	18.32	14.26	11/2/22	13.03							10.44	10.63	9.87	
6/2/22	8.92						10.46	12.62	10.36	8/2/22	12.69							11.14	16.68	13.65	11/2/22	13.03							10.36	10.61	9.80	
6/2/22	9.00						10.55	12.68	10.69	8/2/22	12.64							11.12	15.92	12.98	11/2/22	12.95							10.24	10.60	9.76	
6/2/22	9.24						10.68	12.65	10.99	8/2/22	12.76							11.05	16.03	12.54	11/2/22	12.94							10.07	10.54	9.61	
6/2/22	10.65						10.85	11.88	10.96	8/2/22	11.78							11.04	15.49	12.27	11/2/22	12.92							9.92	10.44	9.47	
6/2/22	11.00						11.01	11.82	10.88	8/2/22	11.76							11.10	14.85	12.06	11/2/22	12.93							9.78	10.38	9.45	
6/2/22	11.28						11.20	11.87	10.80	8/2/22	12.53							11.12	14.62	11.95	11/2/22	13.30							9.71	10.38	9.42	
6/2/22	11.49						11.29	11.72	10.48	8/2/22	12.39							11.09	16.53	11.88	11/2/22	13.58							9.64	10.36	9.44	
6/2/22	11.51						11.40	11.64	10.44	8/2/22	12.32							11.01	16.64	11.78	11/2/22	13.23							9.66	10.52	9.40	
6/2/22	11.73						11.47	11.70	10.34	8/2/22	12.13							10.96	16.22	11.73	11/2/22	12.42							9.47	11.35	9.20	
6/2/22	12.26						11.56	11.75	10.33	8/2/22	10.63							11.42	14.62	11.76	11/2/22	12.08							9.19	13.43	9.37	
6/2/22	12.41						11.66	11.95	10.29	8/2/22	10.25							11.90	12.50	11.57	11/2/22	12.02							9.16	13.71	9.64	
6/2/22	12.31						11.71	12.48	10.22	9/2/22	11.45							12.06	11.44	11.37	11/2/22	11.82							9.46	13.41	9.87	
6/2/22	12.20						11.82	13.39	10.26	9/2/22	11.84							12.59	11.13	11.28	11/2/22	11.55							9.80	13.15	10.09	
6/2/22	11.78						11.86	14.44	10.54	9/2/22	11.46							12.78	11.08	10.91	11/2/22	11.27							10.35	12.96	10.21	
6/2/22	11.87						12.20	14.90	10.96	9/2/22	11.40							12.61	11.05	10.68	11/2/22	11.17							10.81	13.05	10.38	
6/2/22	11.80						12.28	14.79	11.35	9/2/22	10.28							12.28	10.99	10.53	11/2/22	10.98							10.12	13.19	10.66	
6/2/22	11.87						12.32	14.45	11.51	9/2/22	9.25							12.08	10.89	10.26	11/2/22	10.94							9.74	14.12	10.92	
6/2/22	11.89						11.98	14.49	11.72	9/2/22	10.35							11.70	10.82	10.12	11/2/22	10.31							9.85	13.79	11.27	
6/2/22	11.80						11.76	14.41	11.97	9/2/22	10.53							11.59	10.79	10.09	11/2/22	10.95							9.99	14.36	11.64	
6/2/22	11.72						11.62	14.61	11.94	9/2/22	10.50							11.49	10.76	10.06	11/2/22	10.22							10.19	14.48	12.07	
6/2/22	11.67						11.62	14.73	12.06	9/2/22	10.15							11.30	10.73	9.99	11/2/22	9.88							10.44	14.16	12.48	
6/2/22	11.76						11.60	14.36	11.85	9/2/22	9.90							11.01	10.68	9.92	11/2/22	10.13							10.66	14.04	12.76	
6/2/22	11.62						11.48	14.06	11.58	9/2/22	10.17							10.49	10.64	9.84	11/2/22	12.63							10.74	13.93	12.84	
6/2/22	11.29						11.43	14.04	11.57	9/2/22	10.44							10.39	10.62	9.77	11/2/22	11.25							10.88	13.97	12.90	
6/2/22	10.45						11.36	14.02	11.73	9/2/22	10.60							10.38	10.56	9.81	11/2/22	12.51							11.09	14.04	13.14	
6/2/22	10.37						11.34	13.63	11.41	9/2/22	10.44							10.36	11.23	9.73	11/2/22	13.19							11.05	14.05	13.27	
6/2/22	10.14						11.33	13.08	11.24	9/2/22	10.32							10.31	11.65	9.43	11/2/22	13.31							11.11	14.62	13.29	
6/2/22	10.19						11.29	12.87	11.16	9/2/22	10.46							10.24	11.82	9.29	11/2/22	10.70							11.42	15.20	13.28	
6/2/22	10.23						11.28	12.61	10.94	9/2/22	10.53							10.26	12.54	9.51	11/2/22	11.99							12.23	14.66	13.10	
6/2/22	10.26						11.27	12.26	10.71	9/2/22	10.64							10.32	12.82	9.94	11/2/22	12.27							12.64	13.70	12.17	
7/2/22	10.20						11.29	12.19	10.43	9/2/22	10.56							10.39	12.69	10.33	11/2/22	12.97							12.76	12.91	11.85	

	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2		PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2		PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2		
	data	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4	ve6 mg/l	ve7 mg/l	ve8 mg/l		ve9 mg/l	data	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4	ve6 mg/l	ve7 mg/l		ve8 mg/l	ve9 mg/l	data	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l
13/2/22	10,74							9,36	11,29	9,58	15/2/22	10,91										17/2/22	10,26									10,96	12,59	10,80
13/2/22	10,55							9,29	10,99	9,70	15/2/22	9,84										17/2/22	10,29									10,87	12,16	10,82
13/2/22	10,40							9,26	10,75	9,72	15/2/22	9,55										17/2/22	10,43									10,74	12,28	10,82
13/2/22	10,26							9,25	10,54	9,72	15/2/22	9,39										17/2/22	10,78									10,63	11,96	10,61
13/2/22	10,02							9,22	10,36	9,72	15/2/22	9,53										18/2/22	11,03									10,68	11,27	10,70
13/2/22	9,86							9,21	10,02	9,66	15/2/22	10,00										18/2/22	9,72									10,73	11,07	10,54
13/2/22	9,74							9,18	10,17	9,63	15/2/22	10,31										18/2/22	10,60									10,67	11,08	10,30
13/2/22	9,62							9,11	10,15	9,61	15/2/22	10,27										18/2/22	10,03									10,70	11,24	10,05
13/2/22	9,51							9,04	10,15	9,66	15/2/22	10,06										18/2/22	9,49									10,67	11,32	9,90
13/2/22	9,42							9,03	10,06	9,63	15/2/22	9,95										18/2/22	9,14									10,64	11,12	9,77
13/2/22	9,58							9,05	10,01	9,55	15/2/22	9,92										18/2/22	9,09									10,73	11,23	9,69
13/2/22	9,84							9,13	10,05	9,49	15/2/22	9,96										18/2/22	8,95									10,76	11,16	9,87
13/2/22	10,03							9,25	10,08	9,45	15/2/22	10,26										18/2/22	8,87									10,56	11,35	9,90
13/2/22	10,33							9,34	10,10	9,48	15/2/22	10,44										18/2/22	8,87									10,31	11,67	9,91
13/2/22	10,70							9,42	10,26	9,52	15/2/22	10,74										18/2/22	8,85									10,15	11,77	9,88
13/2/22	10,33							9,48	10,47	9,54	15/2/22	10,59										18/2/22	8,90									10,11	11,59	9,78
13/2/22	10,39							9,61	11,52	10,02	15/2/22	10,58										18/2/22	8,93									10,08	11,37	9,63
13/2/22	10,73							9,75	11,98	10,82	15/2/22	10,88										18/2/22	10,48									10,32	11,17	9,43
13/2/22	11,12							9,97	12,43	10,93	15/2/22	10,44										18/2/22	8,81									10,38	10,75	9,22
13/2/22	11,26							10,11	12,77	11,14	15/2/22	10,57										18/2/22	8,77									10,29	10,65	9,21
13/2/22	11,50							10,51	13,02	11,32	15/2/22	10,41										18/2/22	8,86									10,03	10,57	9,49
13/2/22	10,80							11,03	13,05	11,26	15/2/22	10,31										18/2/22	8,79									9,95	10,58	9,79
13/2/22	11,19							11,11	14,05	11,48	15/2/22	10,25										18/2/22	8,85									9,99	10,58	9,82
13/2/22	11,27							11,08	14,29	11,88	16/2/22	9,95										18/2/22	9,01									10,10	10,58	9,86
13/2/22	11,89							11,13	13,89	12,32	16/2/22	9,44										18/2/22	9,20									10,30	10,57	9,86
13/2/22	12,91							11,11	14,14	12,49	16/2/22	9,15										18/2/22	9,67									10,39	10,68	9,77
13/2/22	12,99							11,12	14,19	12,24	16/2/22	9,09										18/2/22	9,86									10,43	10,74	9,61
13/2/22	12,91							11,14	14,25	12,17	16/2/22	9,01										18/2/22	10,00									10,50	10,82	9,50
13/2/22	12,78							11,33	14,25	12,11	16/2/22	8,89										18/2/22	10,19									10,42	10,88	9,65
13/2/22	12,26							11,65	14,22	12,00	16/2/22	8,88										18/2/22	9,62									10,42	10,99	9,60
13/2/22	11,98							11,93	16,03	11,92	16/2/22	8,86										18/2/22	9,34									10,59	11,42	9,57
13/2/22	11,77							12,13	15,31	11,99	16/2/22	9,01										18/2/22	9,74									10,79	11,99	9,77
13/2/22	11,88							12,17	14,58	11,82	16/2/22	8,85										18/2/22	9,93									11,10	12,23	10,42
13/2/22	12,42							11,57	13,65	11,61	16/2/22	8,97										18/2/22	10,22									11,31	12,84	10,78
13/2/22	12,41							10,86	13,04	11,44	16/2/22	9,19										18/2/22	10,28									11,40	12,60	11,08
13/2/22	12,50							10,56	12,29	11,11	16/2/22	9,34										18/2/22	10,37									11,59	12,57	11,42
13/2/22	12,51							10,51	11,98	10,89	16/2/22	9,40										18/2/22	10,22									11,66	12,71	11,58
13/2/22	12,53							10,38	12,40	10,62	16/2/22	9,34										18/2/22	9,98									11,72	13,76	11,61
13/2/22	12,40							10,30	12,21	10,36	16/2/22	9,32										18/2/22	9,99									11,71	14,77	11,27
13/2/22	12,45							10,80	12,49	10,15	16/2/22	9,32										18/2/22	9,62									11,60	15,07	10,97
13/2/22	11,04							11,27	12,62	9,97	16/2/22	9,31										18/2/22	9,16									11,42	13,99	10,69
13/2/22	11,69							11,14	12,44	9,74	16/2/22	9,43										18/2/22	9,48									11,35	13,62	10,40
14/2/22	11,18							10,94	12,43	9,71	16/2/22	9,59										18/2/22	9,56									11,39	13,57	10,07
14/2/22	11,15							11,24	12,32	9,65	16/2/22	9,84										18/2/22	9,53									11,50	13,20	9,93
14/2/22	10,12							11,47	13,01	9,55	16/2/22	9,90										18/2/22	9,59									11,63	13,43	9,94
14/2/22	10,33							11,43	13,10	9,53	16/2/22	10,23										18/2/22	9,74									11,73	14,39	9,93
14/2/22	9,53							11,21	13,32	9,71	16/2/22	10,36										18/2/22	9,84									11,69	14,42	10,41
14/2/22	9,42							10,78	13,33	9,85	16/2/22	10,51										18/2/22	9,92									11,51	13,34	10,76
14/2/22	9,08							10,40	13,14	9,83	16/2/22	10,55										18/2/22	10,23									11,29	12,96	10,92
14/2/22	9,06							10,25	12,71	9,93	16/2/22	10,97										18/2/22	10,43									11,07	12,28	10,95
14/2/22	9,04							10,25	12,33	9,94	16/2/22	10,22										18/2/22	10,36									10,89	12,30	10,96
14/2/22	9,04							10,44	11,98	9,95	16/2/22	10,37										18/2/22	10,37									10,70	12,21	10,84
14/2/22	9,10							10,66	11,66	9,96	16/2/22	11,06										19/2/22	10,33									10,59	11,47	10,60
14/2/22	8,85							10,88	11,28	9,92	16/2/22	10,32										19/2/22	10,44									10,52	11,53	10,28
14/2/22																																		

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l
20/2/22	8.49						10.37	10.36	9.37		22/2/22	12.60						12.10	14.27	9.84		25/2/22	8.67							10.93	10.18	9.13
20/2/22	8.60						10.41	10.21	9.40		22/2/22	12.78						12.04	15.15	10.20		25/2/22	8.48							10.35	10.21	9.01
20/2/22	8.69						10.48	10.48	9.59		22/2/22	12.77						12.08	15.81	10.69		25/2/22	10.53							10.10	10.24	9.13
20/2/22	8.77						10.55	10.37	9.85		22/2/22	12.58						12.26	15.87	10.95		25/2/22	10.52							10.14	10.10	9.11
20/2/22	8.96						10.62	10.08	9.92		22/2/22	12.15						12.31	15.49	11.26		25/2/22	10.08							10.12	9.89	9.04
20/2/22	8.95						10.69	10.06	9.78		22/2/22	11.92						12.29	14.60	11.32		25/2/22	10.02							10.12	9.74	8.79
20/2/22	9.03						11.02	10.31	9.59		22/2/22	11.30						12.15	13.89	11.37		25/2/22	9.89							10.00	9.76	8.95
20/2/22	9.38						11.01	10.23	9.53		22/2/22	10.92						11.93	13.35	11.57		25/2/22	9.50							10.15	9.76	9.13
20/2/22	9.66						10.77	10.28	9.45		22/2/22	10.85						11.73	13.64	11.44		25/2/22	9.18							10.18	9.76	8.98
20/2/22	9.31						10.74	10.26	9.49		22/2/22	10.41						11.51	13.64	11.69		25/2/22	9.12							9.96	9.83	8.74
20/2/22	9.70						10.58	10.56	9.48		22/2/22	10.42						11.42	12.93	11.38		25/2/22	9.08							9.91	9.80	8.81
20/2/22	10.42						10.68	10.93	9.46		22/2/22	10.43						11.36	12.29	10.99		25/2/22	8.94							9.95	11.60	8.80
20/2/22	11.02						11.12	11.27	9.60		22/2/22	10.20						11.22	11.94	10.77		25/2/22	9.33							9.86	11.85	8.67
20/2/22	10.52						11.26	11.63	9.60		22/2/22	10.19						11.00	11.68	10.39		25/2/22	10.26							9.70	12.11	9.68
20/2/22	10.53						11.39	12.65	9.67		23/2/22	10.23						10.98	11.47	10.00		25/2/22	10.24							9.82	12.61	9.98
20/2/22	10.27						11.99	14.60	10.32		23/2/22	11.41						10.76	11.37	9.79		25/2/22	10.24							10.48	13.03	10.08
20/2/22	10.43						12.43	14.59	11.40		23/2/22	10.17						10.55	11.56	9.64		25/2/22	9.91							11.20	12.87	10.06
20/2/22	10.55						12.35	13.98	11.74		23/2/22	10.08						10.37	11.54	9.56		25/2/22	10.88							11.46	13.05	10.11
20/2/22	10.08						11.86	14.02	11.96		23/2/22	11.03						10.45	11.36	9.50		25/2/22	10.36							11.82	12.92	10.48
20/2/22	10.02						11.45	14.27	12.45		23/2/22	10.92						10.64	11.12	9.50		25/2/22	11.26							11.75	13.32	10.71
20/2/22	9.80						11.31	15.03	12.68		23/2/22	10.95						10.67	11.03	9.48		25/2/22	11.38							11.41	13.96	11.22
20/2/22	10.15						11.23	16.27	12.72		23/2/22	11.22						10.77	10.99	9.40		25/2/22	11.63							11.08	14.71	11.81
20/2/22	10.51						11.14	16.29	12.43		23/2/22	8.51						10.77	11.55	9.38		25/2/22	11.92							11.11	15.87	12.34
20/2/22	10.37						11.04	16.14	12.10		23/2/22	8.72						10.70	12.25	9.24		25/2/22	12.42							11.17	15.25	12.97
20/2/22	10.28						11.09	14.84	11.61		23/2/22	8.56						10.79	12.33	9.08		25/2/22	13.28							11.31	15.13	13.37
20/2/22	10.66						11.24	14.80	11.24		23/2/22	8.54						10.78	12.12	9.20		25/2/22	13.76							11.57	16.06	13.61
20/2/22	10.52						11.57	15.61	11.10		23/2/22	8.12						10.64	11.91	9.20		25/2/22	13.49							12.11	16.62	13.71
20/2/22	10.35						11.88	16.32	11.22		23/2/22	8.08						10.47	11.65	9.31		25/2/22	13.56							12.57	17.91	13.80
20/2/22	10.26						11.91	14.26	11.26		23/2/22	8.01						10.40	11.37	9.56		25/2/22	13.51							13.00	16.86	13.73
20/2/22	10.34						11.76	13.55	11.52		23/2/22	7.93						10.40	11.16	9.70		25/2/22	13.63							12.47	15.11	13.43
20/2/22	10.51						11.51	13.22	11.42		23/2/22	8.07						10.43	11.17	10.04		25/2/22	13.60							12.44	13.74	12.38
20/2/22	10.57						11.32	13.04	11.03		23/2/22	8.44						10.48	11.33	10.61		25/2/22	13.69							12.76	12.76	11.77
20/2/22	10.55						11.08	13.02	10.70		23/2/22	8.82						10.28	11.71	11.09		25/2/22	14.59							12.92	12.07	11.05
21/2/22	10.58						10.72	12.05	10.25		23/2/22	9.42						10.49	12.28	11.73		25/2/22	14.49							12.76	11.58	10.57
21/2/22	10.50						10.42	11.43	9.99		23/2/22	9.81						10.77	12.13	12.21		25/2/22	12.74							10.96	11.06	10.28
21/2/22	10.46						10.31	11.48	9.83		23/2/22	10.12						11.18	13.14	12.50		25/2/22	11.52							9.73	10.60	10.01
21/2/22	10.37						10.24	11.68	9.65		23/2/22	10.43						11.51	13.09	12.69		25/2/22	11.17							9.62	10.28	9.86
21/2/22	10.35						10.30	11.77	9.49		23/2/22	10.14						11.73	13.23	12.74		25/2/22	10.64							9.55	10.01	9.69
21/2/22	10.07						10.39	11.58	9.38		23/2/22	10.29						11.93	12.46	12.74		25/2/22	9.99							9.50	9.70	9.49
21/2/22	9.77						10.55	11.20	9.33		23/2/22	10.54						12.11	11.74	12.39		25/2/22	9.94							9.47	9.69	9.39
21/2/22	9.59						10.80	11.25	9.23		23/2/22	10.87						12.27	11.28	11.86		25/2/22	10.02							9.42	9.79	9.31
21/2/22	9.64						10.84	11.54	9.26		23/2/22	11.53						12.31	11.10	10.89		25/2/22	9.97							9.44	9.74	9.26
21/2/22	9.52						10.86	11.79	9.23		23/2/22	13.39						12.51	11.12	10.79		25/2/22	9.93							9.44	9.77	9.25
21/2/22	9.28						10.93	11.81	9.44		23/2/22	12.49						12.65	11.23	10.39		26/2/22	9.87							9.42	9.47	9.23
21/2/22	9.13						10.81	11.77	9.41		23/2/22	14.72						12.73	11.23	10.07		26/2/22	9.81							9.37	9.14	9.15
21/2/22	8.74						10.52	11.66	9.60		23/2/22	16.33						12.79	11.84	9.91		26/2/22	9.53							9.35	9.05	9.05
21/2/22	8.49						10.37	11.33	9.78		23/2/22	15.07						12.67	13.89	9.87		26/2/22	9.35							9.34	8.96	8.85
21/2/22	8.53						10.31	11.20	9.85		23/2/22	13.63						12.54	14.97	10.09		26/2/22	9.24							9.32	8.96	8.80
21/2/22	8.61						10.28	10.98	9.79		23/2/22	12.89						12.55	14.97	10.99		26/2/22	9.20							9.29	9.05	8.73
21/2/22	8.66						10.27	10.89	9.76		23/2/22	12.68						12.45	15.12	11.93		26/2/22	9.09							9.12	9.05	8.60
21/2/22	8.69						10.29	11.11	9.83		23/2/22	12.58						12.47	15.31	13.00		26/2/22	9.07							9.11	8.85	8.58
21/2/22																																

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	
27/2/22	9.71						10.23	11.95	9.95		1/3/22	11.71					7.22		10.45	11.76	10.26	4/3/22	8.20						6.34		9.48	9.79	9.15
27/2/22	9.94						10.48	12.56	9.97		1/3/22	11.43					7.15		10.20	11.12	10.17	4/3/22	8.17						6.38		9.45	10.09	9.11
27/2/22	9.82						10.45	14.14	10.19		1/3/22	11.27					7.07		10.09	10.93	10.04	4/3/22	8.10						6.45		9.54	10.08	9.01
27/2/22	10.20						10.34	14.05	10.44		1/3/22	11.11					6.88		9.95	10.81	9.88	4/3/22	7.98						6.46		9.63	10.06	8.98
27/2/22	10.35						10.98	13.18	10.58		1/3/22	11.02					6.74		9.97	10.91	9.75	4/3/22	8.32						6.40		9.65	10.12	9.17
27/2/22	9.95						11.08	13.19	10.44		2/3/22	10.80					6.70		10.03	10.91	9.56	4/3/22	8.35						6.60		9.95	10.09	9.26
27/2/22	9.59						10.95	13.47	10.32		2/3/22	10.78					6.51		10.16	11.00	9.43	4/3/22	8.56						6.74		10.20	10.00	9.26
27/2/22	9.51						11.04	13.33	10.28		2/3/22	10.37					6.43		10.47	11.00	9.36	4/3/22	8.61						6.88		10.33	10.02	9.33
27/2/22	10.43						11.48	13.25	10.28		2/3/22	10.21					6.44		10.87	10.85	9.28	4/3/22	9.06						6.83		10.38	10.41	9.29
27/2/22	10.55						11.72	12.79	10.20		2/3/22	9.80					6.50		11.11	11.06	9.11	4/3/22	9.54						6.84		10.41	10.57	9.22
27/2/22	10.19						11.45	13.21	10.14		2/3/22	9.20					6.51		10.87	11.15	9.16	4/3/22	10.04						6.90		10.50	10.86	9.19
27/2/22	9.89						11.03	13.47	10.13		2/3/22	9.10					6.53		10.40	11.32	9.24	4/3/22	10.30						6.83		10.50	11.11	9.39
27/2/22	10.28						10.81	12.45	10.11		2/3/22	9.00					6.51		9.91	11.15	9.31	4/3/22	10.49						6.60		10.55	11.56	9.72
27/2/22	10.24						10.54	11.89	10.11		2/3/22	8.95					6.47		9.74	10.81	9.29	4/3/22	10.74						6.55		10.66	12.99	10.00
27/2/22	10.20						10.26	11.28	10.06		2/3/22	8.94					6.53		9.73	10.62	9.15	4/3/22	11.13						6.54		10.69	12.72	10.35
27/2/22	10.59						9.83	10.68	9.82		2/3/22	8.85					6.55		9.70	10.48	9.02	4/3/22	11.48						6.59		10.80	12.69	10.25
27/2/22	10.46						9.48	10.29	9.69		2/3/22	8.82					6.53		9.67	10.14	9.02	4/3/22	11.44						6.70		10.98	13.24	10.50
27/2/22	10.49						9.44	10.07	9.55		2/3/22	8.58					6.50		9.66	10.12	8.94	4/3/22	11.39						6.89		11.25	13.75	11.10
27/2/22	10.27						9.41	10.64	9.44		2/3/22	8.65					6.54		9.63	10.18	8.82	4/3/22	11.48						7.08		11.21	13.92	11.44
27/2/22	10.18						9.36	10.91	9.31		2/3/22	8.65					6.61		9.87	10.40	8.76	4/3/22	11.74						7.37		11.22	13.99	11.50
27/2/22	10.16						9.33	10.80	9.19		2/3/22	8.69					6.59		10.04	10.32	9.04	4/3/22	11.48						7.71		11.14	14.28	11.47
27/2/22	9.96						9.30	10.86	9.13		2/3/22	8.80					6.55		9.67	10.06	9.19	4/3/22	11.01						8.02		11.04	14.55	11.33
27/2/22	9.90						9.27	10.72	9.12		2/3/22	8.93					6.56		9.54	10.01	9.30	4/3/22	10.94						8.16		10.91	14.36	10.76
27/2/22	9.92						9.26	10.43	9.10		2/3/22	9.37					6.56		9.64	9.94	9.30	4/3/22	11.40						7.95		10.86	14.06	10.11
28/2/22	9.89						9.26	10.02	9.09		2/3/22	9.81					6.61		9.77	9.91	9.33	4/3/22	11.62						7.70		10.98	13.95	9.68
28/2/22	9.77						9.25	9.90	8.94		2/3/22	9.85					6.68		9.84	10.26	9.30	4/3/22	11.76						7.81		11.12	13.80	9.45
28/2/22	9.75						9.24	9.83	8.84		2/3/22	10.00					6.73		9.88	10.20	9.25	4/3/22	11.81						8.12		11.36	14.37	9.26
28/2/22	9.68						9.19	9.74	8.78		2/3/22	10.31					6.60		9.94	10.24	9.23	4/3/22	11.84						7.82		11.44	14.62	9.88
28/2/22	9.77						9.20	9.86	8.77		2/3/22	10.07					6.45		9.98	10.68	9.24	4/3/22	11.82						7.66		11.30	13.63	10.25
28/2/22	9.09						9.18	10.01	8.74		2/3/22	10.41					6.43		9.91	10.01	9.71	4/3/22	11.87						7.51		11.19	13.12	10.60
28/2/22	8.54						9.12	9.83	8.79		2/3/22	10.92					6.62		10.20	11.28	9.76	4/3/22	11.70						7.48		11.09	12.05	10.45
28/2/22	8.37						9.05	9.62	8.77		2/3/22	11.17					6.63		10.50	12.64	10.33	4/3/22	11.45						7.21		10.98	11.48	10.38
28/2/22	8.34						9.02	9.46	8.76		2/3/22	11.15					6.75		10.70	13.29	11.06	4/3/22	11.36						7.18		10.83	11.64	10.14
28/2/22	8.33						9.01	9.28	8.74		2/3/22	10.51					6.91		10.87	13.44	11.03	4/3/22	11.22						6.93		10.54	12.30	9.97
28/2/22	8.15						8.98	9.23	8.66		2/3/22	10.20					7.10		10.96	13.69	11.17	5/3/22	11.21						6.44		10.24	11.10	9.79
28/2/22	8.08						9.00	9.05	8.59		2/3/22	10.87					7.42		11.02	15.06	11.15	5/3/22	11.10						6.37		9.96	10.94	9.50
28/2/22	8.69						8.96	9.11	8.58		2/3/22	11.19					7.66		11.14	15.92	11.35	5/3/22	10.96						6.32		9.74	10.76	9.31
28/2/22	8.71						8.93	9.14	8.71		2/3/22	11.48					8.05		11.24		11.47	5/3/22	10.56						6.29		9.71	10.65	9.20
28/2/22	8.76						8.90	9.08	8.78		2/3/22	11.34					8.41		11.37		11.23	5/3/22	10.37						6.34		9.58	10.47	9.16
28/2/22	8.28						8.88	9.04	8.81		2/3/22	10.84					8.30		11.45		10.73	5/3/22	10.30						6.37		9.43	10.15	9.11
28/2/22	8.34						8.86	9.02	8.81		2/3/22	9.66					8.20		11.47		10.29	5/3/22	10.43						6.40		9.34	9.33	8.99
28/2/22	8.55						8.89	9.00	8.86		2/3/22	10.41					7.91		11.53		9.94	5/3/22	10.51						6.42		9.30	9.28	8.83
28/2/22	8.73						8.98	8.98	8.86		2/3/22	11.04					7.62		11.42		9.66	5/3/22	10.54						6.53		9.30	9.43	8.83
28/2/22	9.09						9.00	8.94	8.87		2/3/22	10.88					7.63		11.62		9.48	5/3/22	10.11						6.49		9.29	10.03	8.79
28/2/22	9.49						9.10	8.90	8.99		2/3/22	10.89					7.59		11.85		9.36	5/3/22	9.32						6.44		9.25	10.02	8.81
28/2/22	9.53						9.22	10.23	9.12		2/3/22	11.10					7.46		11.81		9.69	5/3/22	8.76						6.38		9.19	9.74	8.83
28/2/22	9.12						9.22	10.55	9.33		2/3/22	11.39					7.38		11.77	15.23	9.86	5/3/22	8.85						6.31		9.10	9.53	8.80
28/2/22	9.48						9.35	10.69	10.01		2/3/22	11.65					7.41		11.31	14.17	10.28	5/3/22	8.78						6.28		9.01	9.50	8.73
28/2/22	9.71						9.59	10.92	10.06		2/3/22	11.90					7.51		10.91	13.34	10.59	5/3/22	8.71						6.30		9.07	9.56	8.78
28/2/22	10.11																																

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	
6/3/22	10.78			6.70			10.47	12.59	10.33		9/3/22	11.07						10.27	10.74	9.36	9.99	11/3/22	10.53							10.79	12.07	11.20	10.46
6/3/22	10.84			6.78			10.48	13.14	10.36		9/3/22	10.84						10.37	10.58	9.33	9.72	11/3/22	10.77							10.88	12.48	11.60	10.42
6/3/22	10.71			6.92			10.58	13.60	10.75		9/3/22	10.86						10.44	10.23	9.22	10.02	11/3/22	10.80							11.01	12.52	11.99	10.39
6/3/22	10.40			6.97			11.03	13.27	10.68		9/3/22	10.88						10.23	10.51	9.16	10.06	11/3/22	10.88							11.19	12.89	12.34	10.54
6/3/22	10.32			7.00			11.13	12.45	10.44		9/3/22	10.62						9.81	11.49	8.89	10.38	11/3/22	10.83							11.51	13.42	12.56	10.77
6/3/22	10.43			6.90			10.71	11.88	10.18		9/3/22	9.76						9.52	11.91	8.85	10.08	11/3/22	10.81							11.75	13.84	12.77	10.26
6/3/22	10.55			6.78			10.18	12.01	9.88		9/3/22	9.26						9.79	12.04	9.01	10.23	11/3/22	10.93							11.92	14.14	12.88	10.28
6/3/22	10.44			7.34			9.86	11.99	9.83		9/3/22	9.16						10.06	12.14	9.21	12.30	11/3/22	11.27							12.24	14.32	13.04	10.29
6/3/22	10.26			7.46			9.79	12.25	9.86		9/3/22	9.53						10.15	12.00	9.39	12.51	11/3/22	11.99							12.51	14.61	13.09	10.25
6/3/22	10.19			7.33			9.79	12.02	10.03		9/3/22	9.47						10.12	11.92	9.46	12.60	11/3/22	12.59							12.66	15.97	12.61	10.14
6/3/22	10.06			7.15			9.68	10.97	10.22		9/3/22	9.30						9.95	11.82	9.64	11.68	11/3/22	13.07							12.93	15.09	12.31	9.87
6/3/22	9.88			6.88			9.69	10.90	10.10		9/3/22	9.04						9.91	11.77	9.76	11.26	11/3/22	13.23							13.21	13.88	12.15	9.96
6/3/22	9.72			6.70			9.79	10.74	9.66		9/3/22	8.99						9.97	11.92	10.01	10.95	11/3/22	13.22							13.68	13.42	11.95	10.04
6/3/22	9.65			6.58			9.62	10.74	9.47		9/3/22	9.03						10.12	12.31	10.40	11.01	11/3/22	13.06							13.55	12.35	11.21	9.97
6/3/22	9.60			6.60			9.50	10.71	9.31		9/3/22	9.20						10.23	12.41	10.68	10.93	11/3/22	12.61							12.68	11.94	10.72	9.88
7/3/22	9.59			6.48			9.46	10.20	9.23		9/3/22	9.43						10.34	12.28	10.83	10.80	11/3/22	12.74							12.07	11.52	10.28	9.84
7/3/22	9.49			6.40			9.43	9.96	9.23		9/3/22	9.93						10.46	12.62	10.97	10.50	11/3/22	12.79							11.84	11.23	9.88	9.95
7/3/22	9.39			6.34			9.42	9.88	9.18		9/3/22	10.04						10.48	12.76	11.08	10.56	11/3/22	12.51							11.69	11.06	9.64	9.97
7/3/22	9.28			6.26			9.41	9.79	9.14		9/3/22	9.98						10.51	13.42	11.19	10.60	11/3/22	12.37							11.49	10.84	9.47	9.99
7/3/22	9.18			6.23			9.36	9.57	9.14		9/3/22	10.05						10.66	12.78	11.25	10.30	11/3/22	12.07							11.30	10.73	9.37	10.02
7/3/22	9.15			6.25			9.35	9.25	9.11		9/3/22	10.38						10.92	12.48	11.35	10.22	11/3/22	12.23							11.25	10.72	9.33	10.02
7/3/22	9.18			6.30			9.33	9.73	9.05		9/3/22	11.19						11.28	12.45	11.08	10.31	11/3/22	12.16							11.46	10.59	9.31	10.03
7/3/22	9.06			6.31			9.31	10.23	8.92		9/3/22	11.31						11.56	12.30	10.68	10.21	11/3/22	12.19							11.82	10.41	9.29	10.07
7/3/22	8.83			6.37			9.26	9.92	8.87		9/3/22	11.07						11.83	12.16	10.34	10.39	11/3/22	12.10							11.80	10.10	9.28	10.08
7/3/22	8.80			6.40			9.20	10.18	8.80		9/3/22	11.95						12.01	12.16	10.11	10.36	11/3/22	11.98							11.27	9.96	9.28	9.90
7/3/22	8.78			6.41			9.19	10.26	8.79		9/3/22	12.48						12.02	12.65	9.94	10.43	12/3/22	11.92							10.70	9.84	9.22	9.84
7/3/22	8.84			6.42			9.20	10.04	8.88		9/3/22	12.88						11.99	12.31	9.78	10.47	12/3/22	11.08							10.02	10.19	9.15	9.69
7/3/22	8.93			6.42			9.14	9.57	8.96		9/3/22	12.65						11.97	12.94	9.68	10.60	12/3/22	11.15							9.56	10.60	9.12	9.64
7/3/22	8.95			6.40			9.04	9.38	8.92		9/3/22	12.79						11.84	14.40	9.73	10.67	12/3/22	10.53							9.41	11.18	8.98	9.58
7/3/22	8.85			6.36			8.93	9.33	8.98		9/3/22	13.14						11.66	15.69	10.08	10.70	12/3/22	10.18							9.37	11.28	8.70	9.69
7/3/22	8.79			6.33			8.93	9.43	9.08		9/3/22	13.20						11.56	16.38	12.26	10.68	12/3/22								9.35	10.95	8.64	9.60
7/3/22	8.76			6.29			9.18	9.95	9.24		9/3/22	13.39						11.43	15.82	13.16	10.58	12/3/22								9.30	10.80	8.76	9.57
7/3/22	8.80			6.30			9.21	10.81	9.54		9/3/22	13.31						11.36	15.24	13.17	10.57	12/3/22								9.28	10.18	8.74	9.61
7/3/22	8.94			6.56			9.43	10.88	9.96		9/3/22	13.26						11.23	14.98	12.98	10.60	12/3/22								9.26	9.97	8.64	9.64
7/3/22	9.16			6.57			9.68	10.24	10.39		9/3/22	13.00						11.20	14.90	12.74	10.65	12/3/22								9.27	9.81	8.49	9.55
7/3/22	9.40			6.46			9.86	9.95	10.16		9/3/22	12.16						11.14	14.90	12.49	10.59	12/3/22								9.34	9.72	8.43	9.51
7/3/22	9.53			6.47			10.13	9.47	10.10		9/3/22	11.77						11.07	15.15	12.51	10.54	12/3/22								9.36	9.47	8.56	9.64
7/3/22	9.65			6.67			10.41	9.67	9.83		9/3/22	11.48						11.08	15.85	12.59	10.64	12/3/22								9.34	9.48	8.59	9.72
7/3/22	9.82			6.92			10.62	9.80	9.25		9/3/22	11.49						11.16	15.76	12.57	10.88	12/3/22								9.39	9.47	8.65	9.65
7/3/22	9.92			6.99			10.78	9.84	9.10		9/3/22	11.48						11.15	15.12	12.37	10.37	12/3/22								9.40	9.58	8.63	9.67
7/3/22	9.92			7.24			10.79	9.80	9.03		9/3/22	11.49						11.32	14.02	10.91	10.39	12/3/22								9.38	9.68	8.65	9.65
7/3/22	11.13			7.19			10.74	9.82	9.01		9/3/22	11.29						11.39	14.45	10.37	10.27	12/3/22								9.39	9.68	8.75	9.55
7/3/22	12.73			7.23			10.75	10.75	9.00		9/3/22	11.31						11.51	11.80	9.91	10.23	12/3/22								9.48	9.94	9.33	9.46
7/3/22	12.94			6.69			10.89	11.87	9.00		9/3/22	11.80						11.61	11.82	9.60	10.33	12/3/22								9.60	10.83	9.98	9.57
7/3/22	12.76			6.42			11.03	11.75	8.99		10/3/22	11.80						11.65	11.60	9.40	10.44	12/3/22								9.74	11.26	10.41	9.57
7/3/22	12.09			6.43			11.15	11.94	9.14		10/3/22	12.07						11.72	11.40	9.31	10.55	12/3/22								9.84	11.55	10.69	9.66
7/3/22	11.25			6.41			11.26	13.17	9.80		10/3/22	11.66						11.73	11.27	9.29	10.57	12/3/22								9.99	12.39	10.95	9.70
7/3/22	11.45			6.50			11.38	14.10	10.17		10/3/22	11.80						11.56	11.18	9.33	10.62	12/3/22								10.10			

		PNC1			ENC1		ENC2		ENC4		PC1		EC		PC2				PNC1			ENC1		ENC2		ENC4		PC1		EC		PC2	
data	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	data	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	data	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	
13/3/22	12.51						10.76	11.12	9.78	10.34	16/3/22	8.79	10.87					10.12	10.08	9.03	9.45	18/3/22	10.16	9.13					10.18	11.04	10.73	7.89	
13/3/22	12.19						10.72	11.57	9.67	10.36	16/3/22	8.09	10.60					10.67	10.10	9.38	9.38	18/3/22	10.18	9.08					10.21	10.93	10.80	7.77	
13/3/22	12.16						10.70	12.16	9.61	10.33	16/3/22	8.91	10.63					10.44	10.17	9.57	9.43	18/3/22	10.26						10.15	10.65	10.25	7.76	
13/3/22	12.38						10.71	12.53	9.53	10.29	16/3/22	8.81	10.44					9.91	10.16	9.63	9.44	18/3/22	10.30						10.12	10.73	9.73	7.66	
13/3/22	12.35						10.85	12.36	9.47	10.17	16/3/22	9.12	10.46					9.87	10.06	9.65	9.57	18/3/22	10.21						10.24	10.81	9.26	7.55	
13/3/22	12.42						11.60	12.50	9.37	9.92	16/3/22	9.58	10.57					9.97	10.00	9.64	9.80	18/3/22	10.19						10.29	10.79	8.94	7.48	
14/3/22	12.18						11.94	13.08	9.33	10.16	16/3/22	10.71	10.65					9.88	9.91	9.56	9.88	18/3/22	9.96						10.72	10.60	7.74	7.36	
14/3/22	12.18						11.81	13.22	9.14	10.13	16/3/22	11.08	10.56					9.75	9.80	9.50	9.91	18/3/22	9.94						10.92	10.53	8.63	7.34	
14/3/22	11.75						11.68	13.51	9.02	10.12	16/3/22	9.84	10.58					9.87	9.59	9.44	9.89	18/3/22	9.84	8.68					9.95	10.68	8.62	7.36	
14/3/22	11.09						11.55	13.37	9.13	10.03	16/3/22	10.40	10.86					9.81	9.59	9.49	9.92	18/3/22	9.82	8.54					9.67	10.44	9.04	7.58	
14/3/22	9.20						11.54	12.68	9.22	9.97	16/3/22	11.29	10.85					9.80	9.86	9.62	9.64	18/3/22	9.39	8.57					9.65	10.15	9.28	7.73	
14/3/22	8.98						11.43	12.15	9.28	9.92	16/3/22	11.93	11.14					10.06	10.64	9.81	9.54	18/3/22	9.43	8.70					9.52	10.04	9.63	7.71	
14/3/22	8.97						11.54	11.88	9.39	9.83	16/3/22	11.52	11.50					10.44	11.24	11.08	9.74	18/3/22	9.62	8.73					9.55	9.96	9.62	8.24	
14/3/22	9.56						11.41	11.59	9.64	9.75	16/3/22	10.83	11.49					10.70	11.65	11.58	10.04	18/3/22	9.55	8.97					9.62	9.88	9.56	8.45	
14/3/22	10.01						11.30	10.99	9.75	9.58	16/3/22	11.04	11.41					10.85	11.98	11.73	9.81	18/3/22	9.67	8.73					9.56	9.63	9.53	8.54	
14/3/22	10.15						11.29	10.45	9.75	9.46	16/3/22	10.85	11.55					10.96	12.42	11.73	9.80	18/3/22	9.44	8.63					9.52	9.72	9.46	8.56	
14/3/22	10.12						11.25	10.23	9.74	9.53	16/3/22	11.05	11.81					11.14	13.28	11.67	9.94	19/3/22	9.34	8.63					9.44	9.42	9.38	8.57	
14/3/22	10.31						11.07	10.27	9.67	9.57	16/3/22	11.31						11.42	15.63	11.98	9.91	19/3/22	9.26	8.62					9.38	9.98	9.32	8.57	
14/3/22	10.30						10.66	10.45	9.59	9.61	16/3/22	11.48						11.69	16.08	12.18	9.97	19/3/22	9.46	8.77					9.35	9.75	9.24	8.66	
14/3/22	10.25						10.26	10.47	9.54	9.67	16/3/22	11.54						11.82	14.82	12.16	10.05	19/3/22	9.12	8.97					9.34	8.46	9.05	8.76	
14/3/22	10.33						9.78	10.39	9.53	9.68	16/3/22	11.37						11.86	14.67	11.60	10.01	19/3/22	8.83	8.96					9.32	8.72	8.89	8.56	
14/3/22	10.45						9.48	10.30	9.51	9.69	16/3/22	11.33						11.87	13.31	11.30	10.24	19/3/22	8.81	8.82					9.26	8.81	8.74	8.44	
14/3/22	10.10						9.62	10.20	9.43	9.70	16/3/22	11.86						11.82	14.75	11.16	10.32	19/3/22	8.10	9.00					9.16	8.76	8.83	8.22	
14/3/22	9.65						9.90	10.17	9.33	9.70	16/3/22	11.45						11.82	14.39	10.96	10.40	19/3/22	8.30	8.78					9.10	8.70	8.79	8.06	
14/3/22	9.83						9.87	10.13	9.33	9.49	16/3/22	11.23						11.77	14.48	10.70	10.41	19/3/22	8.50	8.67					9.11	8.25	8.74	8.34	
14/3/22	10.19						9.77	10.84	9.33	9.49	16/3/22	11.34						11.58	15.04	10.84	10.09	19/3/22	8.46	8.63					9.09	8.35	8.59	8.47	
14/3/22	11.67						9.98	11.32	9.29	9.76	16/3/22	11.63	10.31					11.39	14.97	10.79	10.07	19/3/22	8.38	8.63					9.04	8.45	8.37	8.22	
14/3/22	11.42						10.38	11.79	9.64	9.88	16/3/22	11.71	10.84					11.10	13.47	10.96	9.82	19/3/22	8.29						9.01	8.46	8.17	7.96	
14/3/22	11.73						10.68	11.86	11.01	9.93	16/3/22	11.92	11.11					10.92	13.14	11.24	9.69	19/3/22	8.20						8.98	8.49	8.12	7.93	
14/3/22	11.51						11.00	12.19	11.52	10.01	16/3/22	11.99	11.17					10.88	12.44	11.15	9.68	19/3/22	8.16						8.94	8.64	8.13	7.93	
14/3/22	11.92						11.50	12.49	11.42	9.93	16/3/22	12.16	10.96					10.87	11.84	11.00	9.75	19/3/22	8.21						8.90	8.70	8.11	7.80	
14/3/22	11.97						11.82	10.39	11.65	9.93	16/3/22	12.22	10.75					10.81	11.50	10.78	9.83	19/3/22	8.37	8.72					8.96	8.72	8.16	7.72	
14/3/22	12.22						11.94	14.45	11.57	9.72	16/3/22	12.20	10.89					10.72	11.23	10.48	9.97	19/3/22	8.43	8.84					9.05	8.51	8.24	7.63	
14/3/22	12.82						11.98	15.16	11.85	9.60	16/3/22	12.27	10.72					10.62	11.03	10.27	10.04	19/3/22	8.33	8.88					9.12	8.47	8.40	7.75	
14/3/22	13.56						12.03	14.92	12.33	9.72	16/3/22	11.86	10.78					10.62	10.82	10.08	9.85	19/3/22	8.45	9.03					9.29	8.59	8.47	7.97	
14/3/22	13.99						12.07	14.91	12.96	9.72	17/3/22	11.13	10.96					10.67	10.89	9.89	9.70	19/3/22	8.54	9.28					9.55	8.58	8.52	8.05	
14/3/22	14.28						12.14	15.23	13.14	9.88	17/3/22	10.18	11.06					10.76	10.79	9.81	9.64	19/3/22	8.62	9.42					9.73	8.55	8.61	7.98	
14/3/22	14.31						12.22	15.44	13.09	9.87	17/3/22	9.40	11.09					10.88	10.73	9.64	9.71	19/3/22	8.78	9.61					9.87	8.69	8.68	8.03	
14/3/22	13.65						12.19	15.73	13.04	10.04	17/3/22	8.73	11.61					10.77	10.61	9.56	9.70	19/3/22	9.03	9.71					9.98	8.81	8.77	8.10	
14/3/22	13.49						12.49	15.85	12.97	10.73	17/3/22	8.63	11.25					10.44	10.50	9.66	9.61	19/3/22	9.32	9.91					10.02	8.82	8.85	8.07	
14/3/22	14.00						12.68	15.90	12.82	10.73	17/3/22	8.77	11.05					10.13	10.33	9.71	9.53	19/3/22	9.65	9.99					10.07	9.31	8.91	8.09	
14/3/22	14.30						12.82	16.31	12.81	10.62	17/3/22	9.15	10.89					10.01	10.13	9.57	9.43	19/3/22	9.46	10.00					10.03	10.30	8.95	8.13	
14/3/22	13.94						12.30	16.11	12.62	10.20	17/3/22	9.06	10.73					10.01	10.10	9.40	9.25	19/3/22	9.02	10.02					10.07	10.33	9.00	8.11	
14/3/22	13.22						11.89	15.56	12.47	10.08	17/3/22	8.85						9.95	10.00	9.22	9.17	19/3/22	9.27	9.88					10.26	10.88	9.11	8.29	
14/3/22	12.99						11.66	13.92	11.93	9.94	17/3/22	8.77						9.92	9.72	8.98	9.08	19/3/22	9.82	9.86					10.28	11.47	9.89	8.10	
14/3/22	12.69						11.48	13.56	11.75	9.88	17/3/22	8.68						9.77	9.99	8.91	9.08	19/3/22	10.45	9.61					10.42	12.00	10.78	8.00	
14/3/22	12.34						11.26	12.85	11.14	9.88	17/3/22	8.61						9.54	10.14	8.74	9.05	19/3/22	11.00	9.65					10.42	12.40	10.98	8.01	
14/3/22	12.36						11.57	12.27	10.75	9.96																							

data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l		ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l		ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l		ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l
21/3/22	11.13	10.24						10.05	10.03	9.54	8.45	23/3/22	9.60	12.76																					
21/3/22	10.81	10.25						9.97	9.99	9.40	8.56	23/3/22	10.14	14.50																					
21/3/22	10.36	10.59						9.96	9.94	9.27	8.51	23/3/22	10.36	14.95																					
21/3/22	10.14	10.50						9.96	9.59	8.99	8.32	23/3/22	11.30	15.83																					
21/3/22	10.79	9.67						9.83	9.44	8.89	8.07	23/3/22	12.15	16.50																					
21/3/22	10.61	9.41						9.62	9.45	8.87	7.79	23/3/22	11.90	15.68																					
21/3/22	10.44	9.10						9.42	9.32	8.86	7.99	23/3/22	11.79	15.03																					
21/3/22	10.57	9.06						9.32	8.92	8.71	7.79	23/3/22	11.02	15.02																					
21/3/22	10.62	9.03						9.32	9.13	8.52	7.80	23/3/22	10.82	14.79																					
21/3/22	10.56							9.28	9.20	8.46	7.75	23/3/22	10.72	14.38																					
21/3/22	10.42							9.25	9.22	8.50	7.65	23/3/22	10.99																						
21/3/22	10.32							9.32	9.21	8.58	7.57	23/3/22	11.51																						
21/3/22	10.45							9.33	9.30	8.72	7.82	23/3/22	12.70																						
21/3/22	10.68							9.32	9.38	8.95	7.86	23/3/22	13.26																						
21/3/22	10.73							9.59	9.47	9.21	7.91	23/3/22	13.05																						
21/3/22	10.75							9.76	9.57	9.52	8.00	23/3/22	12.49																						
21/3/22	10.97	10.12						9.95	9.62	9.62	7.89	23/3/22	11.96																						
21/3/22	11.18	10.36						10.26	9.45	9.17	7.77	23/3/22	11.45																						
21/3/22	11.48	10.57						10.51	9.37	9.10	7.70	23/3/22	10.88																						
21/3/22	11.24	10.96						10.66	9.30	9.06	7.63	23/3/22	10.98	13.35																					
21/3/22	10.82	11.69						10.67	9.24	9.08	7.38	23/3/22	11.37	13.72																					
21/3/22	10.45	12.08						10.53	9.24	9.01	7.42	23/3/22	11.58	13.80																					
21/3/22	10.52	12.33						10.46	9.36	9.00	7.73	23/3/22	12.38	14.85																					
21/3/22	10.95	12.26						10.45	9.32	9.03	8.08	23/3/22	12.51	15.34																					
21/3/22	11.63	12.91						10.59	9.53	9.05	8.40	23/3/22	12.92	15.15																					
21/3/22	12.58	12.59						10.78	10.66	9.04	8.64	23/3/22	12.94	14.77																					
21/3/22	12.98	12.22						10.94	11.60	9.94	8.62	24/3/22	13.19	14.48																					
21/3/22	13.20	12.17						11.41	12.47	11.06	8.48	24/3/22	12.83	13.66																					
21/3/22	13.70	11.97						11.38	13.46	12.71	8.26	24/3/22	10.13	12.73																					
21/3/22	12.94	11.20						10.96	14.17	12.92	8.21	24/3/22	9.50	11.83																					
21/3/22	13.07							10.91	15.12	12.66	8.30	24/3/22	9.19	11.86																					
21/3/22	13.36							11.05		12.47	8.36	24/3/22	9.30	12.50																					
21/3/22	13.50							11.26		12.57	8.45	24/3/22	8.78	12.94																					
21/3/22	11.74							11.03		12.63	8.53	24/3/22	9.21																						
21/3/22								10.87		12.32	8.20	24/3/22	8.81																						
21/3/22								10.83		11.88	8.12	24/3/22	9.15																						
21/3/22								10.80		11.37	7.68	24/3/22	9.50	13.64																					
21/3/22	11.49							10.67		11.02	9.31	24/3/22	9.31	12.61																					
21/3/22	12.39							10.49	12.73	10.82	10.19	24/3/22	9.01	12.81																					
21/3/22	12.18							10.57	13.33	11.19	11.07	24/3/22	8.82	12.41																					
21/3/22	12.24							10.90	13.62	11.23	10.64	24/3/22	8.76	11.53																					
21/3/22	10.25	8.83						11.17	13.00	11.05	10.13	24/3/22	8.62	10.81																					
21/3/22	9.84	9.67						11.00	12.44	10.82	9.79	24/3/22	8.69																						
21/3/22	9.76	10.33						10.63	12.09	10.45	9.13	24/3/22	9.00																						
21/3/22	10.87	10.86						10.44	11.34	10.02	8.73	24/3/22	8.78																						
21/3/22	12.82	11.41						10.27	10.64	9.77	8.76	24/3/22	8.82																						
21/3/22	12.92	11.75						10.11	10.40	9.64	8.81	24/3/22	9.04																						
21/3/22	12.53	11.56						10.06	10.52	9.55	8.95	24/3/22	9.17																						
21/3/22	12.14	11.35						9.93	10.37	9.47	9.10	24/3/22	9.78																						
21/3/22	12.11	10.85						9.83	9.95	9.38	9.13	24/3/22	10.06																						
21/3/22	11.32	10.75						9.82	9.75	9.24	9.09	24/3/22	11.16																						
21/3/22	10.55	11.39						9.93	9.98	9.09	8.87	24/3/22	11.38																						
21/3/22	11.34	11.42						10.09	9.63	8.88	8.56	24/3/22	11.97																						
21/3/22	11.35	11.38						9.84	9.41	8.81	8.31	24/3/22	11.68																						
21/3/22	10.68	11.14						9.45	9.52	8.81	8.18	24/3/22	11.74																						
21/3/22	10.96	11.26						9.36	9.34	8.76	8.10	24/3/22	11.78																						
21/3/22	10.03	10.99						9.36	9.26	8.49	7.87	24/3/22	11.71																						
21/3/22	8.92	10.53																																	

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l
28/3/22	10.77	10.91					9.67	6.82	7.53	7.60	30/3/22	9.30					9.48	11.23	9.59		2/4/22	7.82	7.02					8.21	7.75	8.31		
28/3/22	10.75	11.32					9.52	6.79	7.50	7.90	30/3/22	9.59					9.48	10.86	9.54		2/4/22	7.65	6.97					8.36	7.81	8.45		
28/3/22	10.48	10.90					9.28	7.18	7.39	7.88	30/3/22	9.57					9.44	10.23	9.65		2/4/22	7.72	6.79					8.26	7.60	8.13		
28/3/22	10.31	10.57					9.18	7.09	7.36	7.75	30/3/22	9.53					9.57	10.19	9.75		2/4/22	7.51	6.94					8.22	7.50	8.00		
28/3/22	10.92	10.50					8.98	7.13	7.33	7.89	30/3/22	9.63					9.70	10.23	9.79		2/4/22	7.22	6.96					8.31	7.56	7.85		
28/3/22	9.91	10.54					8.74	7.00	7.45	8.07	30/3/22	9.65					9.91	11.52	9.69		2/4/22	7.08	6.83					8.33	7.82	7.58		
28/3/22	9.27	10.62					8.68	6.96	7.55	8.28	30/3/22	9.53					9.85	11.53	9.26		2/4/22	7.07	6.80					8.24	8.01	7.59		
28/3/22	8.56	10.49					9.24	7.11	7.61	8.44	30/3/22	9.73					9.55	11.20	8.95		2/4/22	7.04	6.82					8.06	7.88	7.52		
28/3/22	8.01	10.51					9.71	7.14	7.60	7.71	30/3/22	9.86	6.70				9.42	9.93	8.92		2/4/22	7.05	6.79					7.89	7.61	7.44		
28/3/22	7.86	10.60					9.61	7.21	7.89	6.72	30/3/22	9.65	6.72				9.41	9.66	8.83		2/4/22	6.97	6.75					7.82	7.28	7.46		
28/3/22	8.56	10.53					9.62	7.43	8.32	6.24	30/3/22	9.56	7.15				9.34	9.13	8.66		2/4/22	6.81	6.78					7.80	6.90	7.41		
28/3/22	9.19	10.43					9.87	7.96	8.60	7.68	30/3/22	9.12	7.19				9.29	8.96	8.55		2/4/22	6.76	6.65					7.81	6.51	7.35		
28/3/22	9.92	10.43					10.24	8.57	8.66	7.17	30/3/22	9.09	7.27				9.15	8.96	8.54		2/4/22	6.73	6.74					7.79	6.33	7.43		
28/3/22	10.25	10.92					10.35	11.56	9.07		30/3/22	9.10	7.27				9.03	9.04	8.49		2/4/22	6.79	6.79					7.82	6.48	7.45		
28/3/22	10.88						10.38	11.17	9.48		30/3/22	8.98	7.08				9.02	9.21	8.51		2/4/22	6.96	6.72					7.92	6.73	7.41		
28/3/22	11.45						10.58	9.85	9.90		30/3/22	8.91	6.94				8.89	9.30	8.63		2/4/22	7.02	6.67					8.02	7.11	7.40		
28/3/22	12.12						10.80	10.25	10.46		30/3/22	9.03	7.12				8.64	9.12	8.71		2/4/22	7.09	6.83					8.18	7.34	7.41		
28/3/22	11.94						10.91	10.28	10.90		31/3/22	9.26	7.20				8.43	8.79	8.72		2/4/22	7.21	6.94					8.33	7.28	7.52		
28/3/22	11.59						10.93	10.44	11.24		31/3/22	8.91	7.22				8.52	8.50	8.49		2/4/22	7.41	7.06					8.47	7.26	7.63		
28/3/22	11.62						10.75	10.58	11.60		31/3/22	8.91	7.44				8.67	8.42	8.49		2/4/22	7.61	7.12					8.54	7.45	7.70		
28/3/22	12.21						10.54	10.60	11.58		31/3/22	8.37	7.83				8.88	8.01	8.50		2/4/22	7.75	7.17					8.57	7.75	7.80		
28/3/22	12.43						10.52	10.28	11.44		31/3/22	7.92	7.50				9.16	7.77	8.06		2/4/22	7.92	7.32					8.63	7.95	7.85		
28/3/22	12.75						10.46	10.23	11.56		31/3/22	6.98	7.52				8.80	7.96	7.75		2/4/22	8.19	7.56					8.66	7.90	7.91		
28/3/22	12.46						10.34	11.22	10.88		31/3/22	7.49	7.49				8.32	7.73	7.50		2/4/22	8.54	7.85					8.63	7.98	7.97		
28/3/22	12.07	11.21					10.22	11.32	10.48		31/3/22	7.96					8.20	7.48	7.39		2/4/22	8.54	7.96					8.69	7.95	8.36		
28/3/22	11.63	11.20					10.04	10.86	9.67		31/3/22	7.76					8.17	7.47	7.40		2/4/22	8.66	7.90					8.78	8.44	8.37		
28/3/22	11.36	11.10					10.09	10.34	9.21		31/3/22	7.44					8.06	7.44	7.26		2/4/22	9.04	7.83					8.89	9.87	8.49		
28/3/22	11.30	11.02					10.05	10.00	8.86		31/3/22	7.28					8.01	7.31	7.16		2/4/22	9.16	8.01					9.08	9.83	9.11		
28/3/22	10.87	10.42					9.93	9.45	8.54		31/3/22	7.17					8.01	7.14	7.19		2/4/22	8.57	7.96					9.13	9.88	9.34		
28/3/22	10.78	9.61					9.95	8.94	8.34		31/3/22	7.18					8.00	7.17	7.21		2/4/22	8.57	7.82					9.06	10.63	10.06		
28/3/22	10.60	9.13					9.89	8.79	8.26		31/3/22	7.53					7.97	7.17	7.10		2/4/22	8.72	7.80					9.00	11.39	10.33		
28/3/22	10.69	9.42					9.79	8.76	8.27		31/3/22	7.78					7.92	7.02	7.16		2/4/22	8.73	7.81					8.97	11.28	10.39		
28/3/22	10.66	10.25					9.55	8.58	8.34		31/3/22	8.04	6.55				7.84	7.13	7.32		2/4/22	8.74	7.72					8.97	11.94	10.53		
28/3/22	10.69	10.13					9.49	8.21	8.38		31/3/22	7.94	6.45				7.92	7.48	7.42		2/4/22	8.69	7.72					9.03	12.51	10.61		
28/3/22	10.79	10.31					9.41	7.81	8.16		31/3/22	8.02	6.59				8.03	7.38	7.56		2/4/22	8.71	7.69					9.14	11.78	10.23		
28/3/22	10.63	10.19					9.26	6.69	8.17		31/3/22	8.27	6.75				8.02	7.27	7.74		2/4/22	8.59	7.77					9.09	11.07	9.85		
29/3/22	10.58	10.06					8.97	7.99	7.78		31/3/22	8.07	6.79				7.96	7.13	7.79		2/4/22	8.93	7.90					8.98	10.99	9.77		
29/3/22	10.24	10.08					8.83	7.81	7.48		31/3/22	7.71	6.72				8.11	7.01	7.94		2/4/22	8.83	7.94					8.91	10.54	9.62		
29/3/22	9.62	10.26					8.89	7.49	7.40		31/3/22	7.56	6.61				8.36	7.02	8.08		2/4/22	8.96	7.85					8.97	10.14	9.46		
29/3/22	9.00	10.30					8.92	7.19	7.29		31/3/22	7.95	6.52				8.49	7.10	8.16		2/4/22	8.98	7.61					8.99	9.50	9.53		
29/3/22	8.39	10.06					8.95	7.02	7.22		31/3/22	8.02	6.67				8.59	7.13	8.24		2/4/22	8.89	7.47					8.91	9.62	9.33		
29/3/22	8.08						8.89	7.01	7.08		31/3/22	7.83	7.01				8.56	7.35	8.30		2/4/22	8.61	7.48					8.91	9.85	8.98		
29/3/22	7.96						8.60	6.84	6.95		31/3/22	8.18	7.08				8.50	7.73	8.33		2/4/22	8.51	7.37					8.85	9.57	8.81		
29/3/22	7.85						8.68	6.75	6.97		31/3/22	8.30	7.17				8.47	8.01	8.61		2/4/22	8.41	7.47					8.68	8.97	8.67		
29/3/22	7.74						8.75	6.65	7.16		31/3/22	8.23	7.40				8.41	8.12	8.63		2/4/22	8.30	7.76					8.49	8.74	8.64		
29/3/22	7.61						8.53	6.70	7.38		31/3/22	8.16	7.51				8.52	8.49	8.39		2/4/22	8.10	7.88					8.35	8.67	8.63		
29/3/22	7.79						8.20	6.61	7.43		31/3/22	8.13	7.28				8.72	8.36	8.14		3/4/22	8.11	7.73					8.30	8.53	8.61		
29/3/22	7.66						8.08	6.51	7.43		31/3/22	8.25					8.81	8.28	7.95		3/4/22	8.10	7.66					8.40	8.36	8.54		
29/3/22	7.28	7.98					8.07	6.79	7.52		31/3/22	8.24					8.80	8.57	7.90		3/4/22	7.97	7.57					8.52	8.25	8.32		
29/3/22	7.22	7.99					8.01	7.05	7.64		31/3/22	8.17					8.70	8.87	7.90		3/4/22	7.79	7.53					8.48	8.56	8.44		
29/3/22	7.12	7.79					8.04	7.37	7.43		31/3/22	8.14					8.74	9.16	7.72		3/4/22	7.43	7.69					8.38	8.64	8.29		
29/3/22	7.07	7.78					8.04	7.31	7.33		31/3/22	8.21					8.88	9.42	7.84		3/4/22	7.12	7.81					8.32	8.62	8.15		
29/3/22	6.87	7.75					8.06	7.40	7.40		31/3/22	8.26																				

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l
4/4/22	7.27	7.97					8.81	8.70	8.33	6/4/22	10.59	8.38					9.03	12.02	10.76	9/4/22	8.02	9.78						7.82	7.95	6.97		
4/4/22	7.27	8.09					8.84	8.61	8.23	6/4/22	10.83	8.64					9.00	11.40	10.74	9/4/22	8.02	9.52					7.72	9.91	6.91			
4/4/22	7.38	8.21					8.83	8.55	8.26	6/4/22	10.82	8.58					9.00	10.29	9.82	9/4/22	7.91	9.41					7.73	7.48	6.99			
4/4/22	7.18	8.30					8.79	9.10	8.24	6/4/22	11.44	8.66					8.89	9.92	9.20	9/4/22	7.99	9.28					7.77	7.40	7.18			
4/4/22	7.29	8.62					8.97	9.58	8.30	6/4/22	11.73	8.72					8.82	9.10	8.57	9/4/22	7.93	9.16					7.78	7.38	7.35			
4/4/22	7.68	8.85					9.10	9.94	8.40	6/4/22	11.56	8.86					8.89	8.95	8.47	9/4/22	8.29	8.98					7.82	7.43	7.56			
4/4/22	8.92	9.45					9.08	10.35	8.41	6/4/22	11.55	9.03					8.97	9.01	8.45	9/4/22	8.38	8.73					7.82	7.51	7.87			
4/4/22	9.41	9.46					9.23	10.97	8.50	6/4/22	11.36	9.20					9.09	9.07	8.43	9/4/22	8.40	8.64					7.86	8.06	8.22			
4/4/22	9.09	9.37					9.38	10.93	8.94	7/4/22	10.88	9.59					9.11	9.01	8.41	9/4/22	8.61	8.66					7.93	7.97	8.68			
4/4/22	9.48	9.35					9.69	11.59	9.34	7/4/22	10.73	9.72					9.02	9.11	8.47	9/4/22	9.06	8.56					8.01	8.34	8.95			
4/4/22	9.90	9.35					9.99	12.42	9.73	7/4/22	10.55	9.41					8.92	9.12	8.39	9/4/22	9.46	8.85					8.11	9.16	9.02			
4/4/22	10.08	9.23					9.76	12.61	10.19	7/4/22	10.40	9.20					8.86	9.05	8.38	9/4/22	9.89	9.04					8.16	9.25	9.17			
4/4/22	9.73	9.19					9.63	12.67	10.17	7/4/22	10.56	8.91					8.76	8.92	8.45	9/4/22	10.02	8.92					8.23	10.14	9.36			
4/4/22	9.79	9.17					9.52	13.13	10.60	7/4/22	10.04	8.95					8.52	7.69	8.56	9/4/22	10.21	9.20					8.21	10.38	9.95			
4/4/22	10.12	8.80					9.40	13.70	10.75	7/4/22	9.42	9.29					8.32	6.97	8.39	9/4/22	11.50	9.43					8.25	9.88	10.37			
4/4/22	10.12	8.64					9.36	14.58	11.04	7/4/22	9.21	9.87					8.37	7.67	7.94	9/4/22	10.41	8.66					8.38	9.47	10.25			
4/4/22	10.27	8.38					9.21	14.25	10.89	7/4/22	7.07	9.72					8.39	7.81	7.72	9/4/22	9.18	7.97					8.20	8.20	9.85			
4/4/22	10.19	8.07					9.02	12.88	10.79	7/4/22	6.22	9.00					8.35	8.10	7.50	9/4/22	9.12	8.73					7.49	7.76	8.10			
4/4/22	9.79	7.97					8.91	12.83	10.67	7/4/22	6.43	8.55					8.32	8.39	7.41	9/4/22	8.47	7.80					6.96	7.60	7.18			
4/4/22	9.44	8.01					8.87	13.06	10.75	7/4/22	7.42	8.40					8.27	8.53	7.25	9/4/22	8.53	8.01					7.33	7.66	8.87			
4/4/22	8.92	8.05					8.82	13.46	10.49	7/4/22	8.40	8.12					8.20	8.48	7.44	9/4/22	7.69	8.13					7.23	7.52	7.63			
4/4/22	8.91	7.74					8.87	12.61	10.46	7/4/22	9.05	7.74					8.27	8.44	7.72	9/4/22	7.52	7.85					6.91	7.51	6.81			
4/4/22	8.73	7.60					8.94	11.42	10.11	7/4/22	9.19	7.78					8.27	8.41	8.03	9/4/22	7.56	7.58					7.55	7.58	7.28			
4/4/22	8.53	7.69					8.92	11.05	10.01	7/4/22	9.02	7.84					8.24	8.27	8.14	9/4/22	7.14	7.77					8.33	7.62	7.03			
4/4/22	8.40	7.84					8.94	10.88	9.53	7/4/22	9.41	7.80					8.28	8.31	8.23	9/4/22	6.81	7.68					8.33	7.70	7.08			
4/4/22	8.34	8.27					8.89	10.85	9.20	7/4/22	8.95	7.70					8.32	8.48	8.49	9/4/22	7.11	7.74					8.28	7.70	7.14			
4/4/22	8.20	8.88					8.89	10.42	9.04	7/4/22	9.54	8.00					8.42	8.80	8.91	9/4/22	7.44	7.72					8.24	7.63	7.56			
5/4/22	7.96	8.86					8.82	9.99	8.95	7/4/22	8.82	7.99					8.40	8.99	9.27	9/4/22	7.46	7.63					8.20	7.56	7.62			
5/4/22	8.16	8.69					8.76	9.69	8.86	7/4/22	10.17	8.01					8.16	9.00	9.57	9/4/22	7.43	7.68					8.18	7.51	7.69			
5/4/22	8.22	8.71					8.70	9.46	8.85	7/4/22	9.51	8.02					8.30	8.86	10.03	9/4/22	7.50	7.73					8.44	7.46	7.77			
5/4/22	8.58	9.14					8.69	9.37	8.71	7/4/22	9.40	8.12					8.55	8.98	9.62	9/4/22	7.36	7.61					8.53	7.44	7.83			
5/4/22	9.09	9.32					8.53	9.44	8.71	7/4/22	9.36	8.67					8.76	8.48	8.90	9/4/22	6.95	7.57					8.51	7.40	7.99			
5/4/22	8.70	9.63					8.38	9.40	8.36	7/4/22	9.31	9.31					8.95	8.77	8.30	9/4/22	6.76	7.61					8.42	7.43	8.21			
5/4/22	8.47	8.73					8.32	9.33	8.27	7/4/22	10.00	10.07					9.19	8.62	8.11	9/4/22	6.75	7.68					8.23	7.39	8.45			
5/4/22	8.43	8.30					8.37	9.27	8.40	7/4/22	10.53	10.19					9.42	8.42	7.94	9/4/22	6.94	7.61					8.23	7.26	8.46			
5/4/22	7.88	8.20					8.49	9.35	8.61	7/4/22	10.95	10.32					9.48	8.33	7.81	9/4/22	6.76	7.47					7.66	7.15	8.51			
5/4/22	7.83	8.15					8.50	9.29	8.66	7/4/22	11.12	10.37					9.49	8.83	7.79	9/4/22	6.74	7.55					7.75	7.13	8.44			
5/4/22	7.62	8.08					8.39	9.13	8.63	7/4/22	11.27	10.44					9.55	9.59	7.82	10/4/22	7.04	7.73					7.83	7.09	8.41			
5/4/22	7.32	7.96					8.28	8.92	8.56	7/4/22	10.98	10.85					9.58	9.50	7.93	10/4/22	7.26	7.81					7.39	7.02	8.17			
5/4/22	6.86	8.72					8.17	8.69	8.42	7/4/22	10.91	10.85					9.54	9.64	7.95	10/4/22	7.23	7.77						7.02	7.86			
5/4/22	6.87	7.72					8.14	8.43	8.24	7/4/22	11.15	10.62					9.68	10.06	7.99	10/4/22	7.10	7.73					6.97	7.71				
5/4/22	7.15	7.81					8.14	8.41	8.20	7/4/22	11.19	10.54					9.50	10.65	8.28	10/4/22	7.28	7.77					6.75	7.45				
5/4/22	7.42	7.73					8.22	8.61	8.44	7/4/22	11.16	10.74					9.33	10.53	9.01	10/4/22	7.20	7.70					6.76	7.42				
5/4/22	7.70	7.66					8.28	8.75	8.91	7/4/22	11.14	10.69					9.31	9.89	8.84	10/4/22	7.01	7.61					6.95	7.39				
5/4/22	7.96	7.88					8.43	8.58	9.38	7/4/22	11.21	10.54					9.22	9.72	8.93	10/4/22	7.06	7.58					7.32	7.27				
5/4/22	8.29	8.16					8.62	8.64	9.49	7/4/22	11.34	10.47					9.16	9.19	8.86	10/4/22	7.04	7.63					7.42	7.23				
5/4/22	8.81	8.53					8.77	8.54	9.31	7/4/22	11.31	10.05					9.06	9.48	8.63	10/4/22	6.98	7.55					7.41	7.19				
5/4/22	7.67	9.04					8.86	8.84	8.98	7/4/22	11.05	9.88					8.89	8.74	8.65	10/4/22	6.81	7.50					7.17	7.16				
5/4/22	7.90	9.15					8.80	9.36	8.79	7/4/22	11.06	9.36					8.87	8.34	8.57	10/4/22	6.78	7.31					6.90	7.13				
5/4/22	9.22	9.44					8.70	9.14	8.56	7/4/22	10.95	9.17					8.90	9.27	8.51	10/4/22	6.83	7.28					7.04	7.15				
5/4/22	9.42	9.78					8.78	9.10	8.42	7/4/22	10.78	9.26					8.86	9.14	8.87	10/4/22	6.67	7.45					7.18	7.09				
5/4/22	9.78	10.16					8.92	9.16	8.37	7/4/22	10.26	9.46					8.73	8.67	8.76	10/4/22	6.92	7.51					7.00	7.17				
5/4/22	10.03	10.34					9.24	9.17	8.38	7/4/22	10.16	9.55					8.41	8.54	8.58	10/4/22	7.07	7.64					7.02	7.25				
5/4/22	10.26	10.66					9.46	9.84	8.38	7/4/22	10.22	9.63					8.26	8.41	8.27	10/4/22	7.05	7.58										

data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	ve1 mg/l		ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	ve1 mg/l	ve2 mg/l		ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l			
11/4/22	8.84	7.79						9.45	9.85	9.16	14/4/22	9.11	9.96											7.69	7.24	9.27	16/4/22	7.45	6.89				6.15	6.84	7.45
11/4/22	9.06	7.64						9.26	9.76	9.31	14/4/22	8.54	9.91											7.71	7.21	8.86	16/4/22	7.94	7.02				6.16	6.91	7.52
11/4/22	9.36	7.77						9.63	10.17	9.13	14/4/22	7.83	8.50											7.40	7.25	8.79	16/4/22	8.41	7.12				6.13	7.02	7.60
11/4/22	10.07	7.99						9.75	9.64	9.12	14/4/22	7.60	7.45											6.86	7.20	8.77	16/4/22	8.92	6.97				6.20	7.26	7.64
11/4/22	11.94	8.22						10.06	9.58	8.98	14/4/22	7.46	7.56											6.33	7.19	8.81	16/4/22	8.86	7.19				6.96	7.40	7.50
11/4/22	12.84	8.09						9.47	8.78	8.78	14/4/22	7.44	7.23											5.83	7.43	8.74	16/4/22	8.29	7.30				6.53	7.54	7.58
11/4/22	13.54	8.23						9.09	8.29	8.80	14/4/22	7.33	6.93											5.53	7.35	8.57	16/4/22	8.81	7.23				6.61	7.93	7.69
11/4/22	13.34	8.46						8.68	7.96	8.82	14/4/22	7.11	6.86											5.47	7.23	8.17	16/4/22	9.23	7.13				6.79	8.51	7.74
11/4/22	13.82	8.59						8.57	7.70	8.87	14/4/22	7.06	6.84											5.37	7.09	8.09	16/4/22	9.34	7.07				6.60	8.24	7.75
11/4/22	13.34	9.22						8.83	7.56	8.75	14/4/22	7.01	7.23											5.57	6.98	8.15	16/4/22	9.28	7.11				6.36	8.81	7.71
11/4/22	12.41	10.02						9.45	7.55	8.64	14/4/22	7.15	7.25											5.91	7.01	8.25	16/4/22	9.11	7.29				5.89	8.28	7.62
11/4/22	11.84	10.48						9.36	7.68	8.65	14/4/22	7.23	6.80											5.92	7.35	8.28	16/4/22	8.98	7.20				5.56	8.41	7.56
11/4/22	11.48	10.96						8.72	7.76	8.73	14/4/22	7.29	6.62											6.37	7.37	8.26	16/4/22	8.71					5.44	8.36	7.59
11/4/22	12.54	11.87						8.28	7.77	8.55	14/4/22	7.25	6.89											6.49	7.29	8.24	16/4/22	8.36					5.56	8.08	7.33
11/4/22	12.89	11.39						8.00	7.60	8.75	14/4/22	7.10	7.38											6.40	7.26	8.27	16/4/22	8.75					5.70	8.02	7.27
11/4/22	12.54	10.67						7.93	7.63	8.72	14/4/22	7.03	7.46											6.46	7.25	8.36	16/4/22	8.87					5.91	7.61	7.32
11/4/22	8.10	10.52						7.88	7.56	8.61	14/4/22	7.42	7.78											6.45	7.22	8.43	16/4/22	8.66					6.10	7.43	7.36
11/4/22	8.54	9.46						8.18	7.32	8.58	14/4/22	7.71	8.00											6.40	7.35	8.54	16/4/22	8.69	6.96				6.36	7.32	7.38
12/4/22	8.32	9.18						8.60	7.30	8.56	14/4/22	8.26	7.99											6.25	7.40	8.59	16/4/22	8.69	6.52				6.14	7.07	7.37
12/4/22	8.00	8.66						8.53	7.19	8.42	14/4/22	7.63	7.56											6.29	7.55	8.50	16/4/22	8.52	6.50				6.15	7.27	7.40
12/4/22	7.80	8.52						8.26	7.18	8.35	14/4/22	7.90	7.64											6.35	7.84	8.39	16/4/22	8.40	6.62				6.30	7.33	7.37
12/4/22	7.57	8.16						8.11	7.34	8.32	14/4/22	9.78	7.81											6.50	7.85	8.47	16/4/22	8.37	6.22				6.55	7.23	7.46
12/4/22	7.38	7.87						8.00	7.58	8.31	14/4/22	10.59	7.73											6.74	8.40	8.58	16/4/22	8.25	6.36				6.30	7.20	7.56
12/4/22	7.06	7.68						7.57	7.68	8.33	14/4/22	11.53	7.90											7.32	8.95	8.76	16/4/22	7.88	6.48				6.00	7.40	7.67
12/4/22	6.96	7.55						7.11	7.60	7.79	14/4/22	11.55	7.80											7.74	9.62	8.73	16/4/22	7.71	6.53				5.91	7.57	7.81
12/4/22	7.36	7.36						6.83	7.55	8.11	14/4/22	9.86	7.99											7.69	9.64	8.72	16/4/22	7.55	6.73				5.94	7.82	7.87
12/4/22	7.69	7.09						6.87	7.61	8.03	14/4/22	9.92	8.02											7.83	10.00	8.76	16/4/22	7.54	6.18				5.92	8.18	7.85
12/4/22	7.11	7.19						7.13	7.54	8.02	14/4/22	10.41	7.97											8.44	10.37	8.98	16/4/22	7.43	5.84				5.90	8.30	7.79
12/4/22	8.89	7.17						6.88	7.68	8.03	14/4/22	11.36												10.12	10.28	9.23	17/4/22	7.41	5.85				5.82	8.45	7.67
12/4/22	8.29	7.26						6.92	7.76	8.05	14/4/22	12.26												10.56	10.91	9.19	17/4/22	7.73	6.04				5.61	8.45	7.52
12/4/22	8.59	7.22						6.95	7.81	8.09	14/4/22	12.72												9.05	11.02	9.11	17/4/22	7.69	6.45				5.99	8.18	7.51
12/4/22	8.73	7.17						7.26	7.52	8.12	14/4/22	12.11												8.66	10.58	9.00	17/4/22	7.54	6.96				6.41	7.52	7.45
12/4/22	8.59	7.26						7.09	7.41	8.07	14/4/22	11.60												8.53	10.42	9.19	17/4/22	6.94	6.99				6.67	7.29	7.40
12/4/22	8.40	7.38						7.03	7.29	8.07	14/4/22	11.53												8.45	10.41	9.10	17/4/22	5.48	6.98				6.56	6.98	7.36
12/4/22	8.47	7.51						6.97	7.23	8.07	14/4/22	12.56												8.32	10.39	9.17	17/4/22	5.58	7.05				6.55	6.79	7.42
12/4/22	8.59	7.66						6.84	7.20	8.08	14/4/22	13.84												8.96	10.30	9.11	17/4/22	5.93	7.20				6.56	6.75	7.57
12/4/22	8.83	7.74						6.89	7.20	8.12	14/4/22	14.83	8.11											8.60	9.68	8.96	17/4/22	6.52	7.18				6.29	6.80	7.48
12/4/22	8.59	7.82						6.74	7.33	8.16	14/4/22	14.59	8.00											8.36	9.13	8.83	17/4/22	6.91	7.06				6.33	6.87	7.01
12/4/22	8.86	8.04						7.07	7.53	8.19	14/4/22	14.44	7.82											8.18	9.13	8.71	17/4/22	6.86	7.06				6.23	6.82	6.97
12/4/22	9.24	8.38						7.37	7.73	8.27	14/4/22	14.94	8.36											8.07	8.68	8.61	17/4/22	6.43	7.04				6.35	6.89	7.23
12/4/22	9.43	8.70						7.70	7.95	8.49	14/4/22	13.92	8.78											7.73	8.27	8.82	17/4/22	6.21					6.32	7.01	7.34
12/4/22	9.73	8.83						7.85	8.23	8.66	14/4/22	13.24	8.71											7.48	8.16	9.15	17/4/22	6.48					6.65	7.31	7.48
12/4/22	10.02	8.64						8.06	9.31	8.65	14/4/22	12.93	8.96											7.40	8.04	9.36	17/4/22	6.46					6.60	7.39	7.63
12/4/22	10.15	8.58						8.34	9.27	8.71	14/4/22	12.64	11.20											6.92	7.90	9.51	17/4/22	6.39					6.97	7.46	7.97
12/4/22	9.79	8.52						8.77	9.65	8.86	14/4/22	13.02	9.55											6.72	8.02	9.51	17/4/22	6.44	7.47				7.29	7.44	7.65
12/4/22	9.21	8.41						10.08	10.08	9.05	14/4/22	13.41	8.29											6.70	8.18	9.57	17/4/22	6.70	7.25				6.95	7.31	7.57
12/4/22	9.56	8.34						12.33	9.86	9.42	14/4/22	13.63	8.28											6.78	8.07	8.47	17/4/22	6.74	7.23				6.85	7.04	7.61
12/4/22	9.81	8.27																																	

data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2	
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	ve1 mg/l		ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	ve1 mg/l	ve2 mg/l		ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l				
18/4/22	10.06	7.68						8.36	10.25	8.68	21/4/22	6.07	8.27										7.14	6.97	7.81	23/4/22	9.03	7.55					8.09	7.78	7.57	
18/4/22	10.21	7.53						8.55	9.74	8.39	21/4/22	5.95	8.05										7.20	7.28	7.89	23/4/22	9.66	7.54					8.15	7.48	7.68	
18/4/22	10.75	7.28						7.99	8.85	8.31	21/4/22	5.91	7.77										7.09	7.35	7.80	23/4/22	10.10	7.57					7.83	7.36	7.93	
18/4/22	11.02	7.21						7.70	8.44	8.28	21/4/22	6.09	7.56										7.00	7.54	7.78	23/4/22	10.20	7.34				8.29	7.41	7.30	7.84	
18/4/22	11.04	7.25						7.63	7.91	8.18	21/4/22	6.35	7.48										6.74	7.67	7.91	23/4/22	10.15	7.47					8.36	7.24	7.27	7.64
18/4/22	10.91	7.36						7.80	7.68	8.16	21/4/22	6.69	7.38										6.38	7.88	7.81	23/4/22	10.35	7.45					8.30	7.74	7.24	7.96
18/4/22	10.99	7.72						8.03	7.72	8.05	21/4/22	6.81	7.26										6.41	8.01	7.77	23/4/22	10.87	7.70					8.21	8.44	7.28	8.06
18/4/22	10.85	8.14						7.67	7.77	7.97	21/4/22	7.07	7.35										6.78	8.23	7.85	23/4/22	10.60	8.14					8.21	8.98	7.31	8.03
18/4/22	10.45	7.83						7.78	7.87	7.95	21/4/22	7.07	7.19										6.74	8.48	7.84	23/4/22	10.89	8.45					8.41	9.22	7.37	8.07
19/4/22	10.70	7.45						7.64	7.94	7.94	21/4/22	7.56	7.33										7.03	8.86	7.77	23/4/22	10.96	10.49					8.09	9.29	7.39	7.99
19/4/22	10.75	7.49						7.26	8.04	7.96	21/4/22	7.41	7.35										7.46	9.25	7.82	23/4/22	10.48	10.06					8.00	8.74	7.39	7.94
19/4/22	10.51	8.54						6.94	8.06	7.92	21/4/22	7.07	7.51										6.91	9.35	7.75	23/4/22	10.30	10.13					7.93	8.46	7.40	7.98
19/4/22	7.80	8.69						6.84	7.91	7.86	21/4/22	6.98	7.35										6.66	8.78	7.67	23/4/22	10.09	9.72					7.99	8.24	7.32	7.96
19/4/22	7.31	8.76						6.88	7.73	7.98	21/4/22	7.23	7.56										6.70	7.55	7.65	23/4/22	9.83	9.85					7.91	7.63	7.20	7.94
19/4/22	7.75	8.16						6.94	7.42	8.11	21/4/22	7.52	7.91										6.78	7.16	7.67	23/4/22	9.54	9.63					7.77	7.16	7.17	7.93
19/4/22	8.67	7.55						7.34	7.29	8.38	21/4/22	7.78	7.86										6.71	7.08	7.65	23/4/22	9.34	9.49					7.79	7.82	7.05	7.92
19/4/22	8.64	7.55						7.22	6.87	8.32	21/4/22	8.10	8.17										6.63	6.96	7.69	23/4/22	9.40	8.99					7.80	7.94	7.01	7.99
19/4/22	8.24	7.45						6.98	6.95	8.16	21/4/22	8.46	8.64										6.62	6.91	7.72	23/4/22	9.50	8.26					7.70	7.79	6.82	7.98
19/4/22	7.80	7.13						6.66	7.07	7.91	21/4/22	8.72	9.49										7.16	6.96	7.79	23/4/22	9.20	7.14					7.76	7.46	6.59	7.94
19/4/22	7.60	7.07						6.33	7.08	7.80	21/4/22	9.00	10.00										7.66	6.94	7.78	24/4/22	8.95	6.82					7.50	6.99	6.55	8.06
19/4/22	7.46							6.06	7.17	7.76	21/4/22	8.98	10.08										7.85	6.98	7.86	24/4/22	8.78	6.26					7.50	6.64	6.65	7.98
19/4/22	7.40							5.72	7.29	7.73	21/4/22	8.99	10.45										7.91	7.01	7.86	24/4/22	8.73	6.27					7.34	6.73	6.55	7.99
19/4/22	7.37							6.06	7.40	7.65	21/4/22	9.07	11.67										7.80	7.11	7.82	24/4/22	8.50	5.65					7.00	6.60	6.73	7.97
19/4/22	7.40							6.49	7.43	7.76	21/4/22	9.03	11.23										7.83	7.31	7.87	24/4/22	8.39	5.79					6.57	6.62	6.59	7.83
19/4/22	7.90							6.42	7.60	7.93	21/4/22	8.49	11.27										7.92	7.22	8.15	24/4/22	8.30	6.23					6.47	6.10	6.59	7.74
19/4/22	8.22							6.45	8.10	7.68	21/4/22	8.51	11.33										8.17	7.28	8.19	24/4/22	8.25	6.91					6.50	6.35	6.68	7.72
19/4/22	8.63							6.47	8.49	7.71	21/4/22	8.20	10.95										7.63	7.23	8.34	24/4/22	8.26	6.33					7.07	6.44	6.93	7.55
19/4/22	9.45							6.24	8.44	7.57	21/4/22	7.67	10.40										7.30	7.22	8.34	24/4/22	7.85	7.42					7.37	6.13	7.07	7.52
19/4/22	9.59	7.17						6.08	8.18	7.63	21/4/22	6.92	9.62										7.19	7.17	8.29	24/4/22	7.67	6.86					7.07	5.96	7.21	7.46
19/4/22	7.70	7.19						6.24	7.39	7.72	21/4/22	5.02	9.45										6.96	7.41	8.06	24/4/22	7.70	6.81					6.98	5.99	7.24	7.45
19/4/22	10.21	7.52						6.28	7.18	7.76	21/4/22	4.38	9.42										6.91	7.75	8.10	24/4/22	7.76	6.94					7.27	6.17	7.25	7.44
19/4/22	10.33	8.00						6.54	7.06	7.80	21/4/22	4.69	9.03										7.00	7.51	7.99	24/4/22	8.04	6.93					7.40	5.95	7.21	7.43
19/4/22	10.44	8.59						6.42	7.00	7.84	21/4/22	6.01	8.53										6.92	7.65	7.92	24/4/22	7.91	7.60					7.59	5.84	7.12	7.38
19/4/22	10.62	8.72						6.54	7.08	7.86	21/4/22	6.49	8.16										6.82	7.71	7.95	24/4/22	7.91	7.48					7.60	5.69	7.10	7.31
19/4/22	10.72	9.44						7.29	7.13	7.86	21/4/22	6.82	7.69										6.37	7.32	7.89	24/4/22	8.17	7.89					7.73	7.76	7.16	7.66
19/4/22	11.25	11.26						8.35	7.19	7.87	21/4/22	7.19	7.67										5.96	7.16	7.85	24/4/22	7.98	7.91					7.43	6.04	7.38	7.85
19/4/22	11.39	9.82						8.49	7.35	7.84	21/4/22	7.45	7.42										5.95	7.19	7.80	24/4/22	7.72	7.72					7.43	6.07	7.66	7.94
19/4/22	11.50	8.78						8.30	7.55	7.90	21/4/22	7.80	7.45										6.40	7.36	7.76	24/4/22	6.91	7.18					7.22	6.34	7.55	8.08
19/4/22	11.61	8.92						8.19	7.90	7.84	21/4/22	7.41	7.21										6.57	7.51	7.79	24/4/22	7.46	7.31					7.24	6.56	7.37	8.17
19/4/22	10.89	8.96						7.96	8.01	8.13	22/4/22	7.20	7.21										6.59	7.55	7.81	24/4/22	7.41	7.37					7.25	6.71	7.43	8.19
19/4/22	10.45	9.12						8.39	8.01	8.29	22/4/22	7.31	7.33										6.69	7.62	7.82	24/4/22	7.95	7.28					7.34	6.89	7.66	8.24
19/4/22	10.78	9.46						8.34	8.42	8.13	22/4/22	7.55	7.43										6.72	7.69	7.86	24/4/22	8.41	7.18					7.56	6.98	8.00	8.23
19/4/22	10.83	9.36						8.72	8.40	8.12	22/4/22	7.50	7.36										6.86	7.69	7.82	24/4/22	7.44	7.20					7.60	7.08	8.35	8.20
19/4/22	10.56	8.93						8.99	8.22	8.20	22/4/22	7.74	7.46										6.85	7.55	7.87	24/4/22	7.69	7.16					7.46	7.22	8.69	8.34
19/4/22	10.48	9.13						9.15	8.39	8.28	22/4/22	7.39	7.45										6.91	7.58	7.86	24/4/22	8.38	7.01					7.81	7.51	8.92	8.32
19/4/22	10.58	8.67						8.92	8.59	8.22	22/4/22	7.20	7.53																							

data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2	
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	ve1 mg/l		ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	ve1 mg/l	ve2 mg/l		ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l				
26/4/22	9.93	10.31					8.29	6.38	7.00	8.34	28/4/22	8.69	8.36										7.66	6.01	7.22	7.34	30/4/22	10.83	7.96				9.22	8.15	10.61	8.03
26/4/22	8.84	10.11					8.13	6.47	6.92	8.27	28/4/22	8.35	8.30										7.65	6.07	7.19	7.32	30/4/22	12.45	7.79				9.32	7.27	9.82	7.91
26/4/22	7.98	10.11					7.92	6.23	6.73	8.17	28/4/22	7.86	7.98										7.60	5.91	7.36	7.52	30/4/22	12.80	7.57				9.29	7.12	9.46	7.93
26/4/22	7.48	9.93					7.82	6.25	6.59	8.11	28/4/22	6.69	7.94										7.49	5.86	7.38	7.49	30/4/22	13.40	7.32				8.85	7.15	8.75	7.93
26/4/22	7.28	8.95					7.88	6.14	6.56	8.15	28/4/22	7.88	8.19										7.60	5.99	7.51	7.53	30/4/22	13.83					8.79	7.09	8.19	7.86
26/4/22	7.07	9.05					7.91	6.15	6.60	8.12	28/4/22	9.00	8.14										7.84	6.39	9.17	7.53	30/4/22	14.03					8.60	6.98	7.93	8.04
26/4/22	7.05	8.24					7.89	6.21	6.64	8.13	28/4/22	9.63	8.40										8.29	6.79	10.16	7.58	30/4/22	13.58					8.54	6.67	7.93	8.25
26/4/22	6.86	7.74					7.50	6.06	6.78	8.03	28/4/22	9.69	8.35										8.44	7.01	10.75	7.69	30/4/22	13.82					8.44	6.58	7.93	8.28
26/4/22	6.64	7.46					7.59	5.87	7.12	7.78	28/4/22	9.59	8.75										8.56	7.10	11.34	7.71	30/4/22	13.84					8.19	6.59	7.93	8.19
26/4/22	6.07	6.88					7.79	5.73	7.36	7.65	28/4/22	9.92	8.50										8.59	7.42	11.45	7.65	30/4/22	14.04					7.92	6.36	7.84	8.12
26/4/22	5.25	6.88					7.58	5.61	7.29	7.80	28/4/22	10.74	8.58										8.53	8.02	12.01	7.78	1/5/22	13.60					8.17	6.23	7.76	7.75
26/4/22	5.75	6.78					7.39	5.79	7.11	7.77	28/4/22	11.62	8.71										8.69	8.70	12.35	7.90	1/5/22	11.98					8.14	6.03	7.56	7.59
26/4/22	5.84	6.60					7.28	5.79	7.01	7.78	28/4/22	11.70	8.86										8.59	8.68	12.41	8.01	1/5/22	7.61					8.05	5.90	7.55	7.69
26/4/22	5.91	6.84					7.43	5.79	6.92	7.75	28/4/22	11.12	8.53										8.56	8.20	12.22	8.35	1/5/22	6.71					8.00	6.09	7.16	7.78
26/4/22	6.17	6.78					7.43	6.06	6.86	7.71	28/4/22	10.61	8.47										8.81	8.21	12.07	8.40	1/5/22	6.31					7.88	5.77	6.94	7.92
26/4/22	6.17	6.68					7.54	5.78	6.81	7.61	28/4/22	10.44	8.72										9.01	9.58	12.17	8.35	1/5/22	6.55					7.83	6.12	6.72	7.90
26/4/22	5.97	6.64					7.63	5.57	6.75	7.63	28/4/22	10.61	9.02										9.08	9.73	11.97	8.41	1/5/22	6.68					7.78	6.05	6.66	7.81
26/4/22	6.58	6.65					7.70	5.38	6.86	7.61	28/4/22	10.92	8.72										9.06	8.39	10.65	8.07	1/5/22	6.47					7.52	5.80	7.22	7.73
26/4/22	7.86	7.13					7.58	5.33	6.87	7.69	28/4/22	11.71	9.28										9.76	7.67	10.25	7.98	1/5/22	6.61					7.35	5.38	7.48	7.58
26/4/22	8.60	7.91					7.54	5.41	6.91	7.74	28/4/22	12.34	9.12										9.19	7.39	9.93	8.00	1/5/22	6.50					7.07	4.82	7.29	7.50
26/4/22	7.64	7.84					7.40	5.83	6.93	7.83	28/4/22	13.82	9.23										9.01	7.35	9.19	7.93	1/5/22	6.29					7.07	4.74	7.03	7.27
26/4/22	7.22	7.61					7.57	6.40	7.85	7.91	28/4/22	15.37	8.80										9.28	7.15	8.75	8.12	1/5/22	6.27					7.19	4.78	6.90	7.23
26/4/22	7.22	7.42					7.83	6.84	8.40	7.95	28/4/22	15.63	9.37										9.32	7.31	8.37	8.46	1/5/22	5.97	7.37				7.25	4.98	6.74	6.92
26/4/22	7.74	7.41					7.63	7.16	8.40	7.97	28/4/22	15.11	7.62										9.03	7.44	7.90	8.65	1/5/22	6.23	7.20				7.25	5.03	6.52	6.92
26/4/22	8.77	7.46					8.06	7.18	8.83	7.98	28/4/22	14.45	10.00										8.74	7.28	7.66	8.76	1/5/22	6.30	7.24				7.34	4.56	6.43	6.93
26/4/22	9.29	7.21					8.54	7.36	9.30	7.95	28/4/22	14.55	13.36										8.41	6.94	7.72	8.80	1/5/22	6.44	6.91				7.36	4.73	6.57	7.29
26/4/22	9.74	7.44					8.58	7.52	9.76	7.97	28/4/22	14.44	11.25										8.10	6.76	7.91	8.16	1/5/22	6.41	7.01				7.50	5.15	6.65	7.19
26/4/22	9.75	7.47					8.23	7.49	10.12	7.96	28/4/22	13.71	9.52										7.71	6.40	7.87	8.03	1/5/22	6.13	7.37				7.72	5.20	6.67	7.15
26/4/22	10.84	7.43					8.33	7.47	10.38	7.95	28/4/22	13.01	10.26										7.45	6.57	7.55	8.06	1/5/22	6.66	7.03				7.92	5.37	6.60	7.11
26/4/22	10.88	7.39					8.39	8.63	10.69	7.89	29/4/22	11.53	9.98										7.62	6.54	7.22	7.93	1/5/22	8.28	6.73				7.96	6.53	6.67	7.15
26/4/22	11.13	7.36					8.85	8.69	10.93	8.23	29/4/22	9.78	9.74										7.90	6.42	7.03	8.20	1/5/22	9.88	6.93				8.05	5.85	6.70	7.27
26/4/22	9.73	7.57					8.95	8.98	10.87	8.38	29/4/22	7.96	12.25										7.59	6.34	6.94	8.16	1/5/22	9.74	7.40				8.49	5.89	6.69	7.29
26/4/22	9.33	7.83					9.18	9.13	11.23	8.13	29/4/22	7.08	11.07										7.22	6.15	6.81	8.20	1/5/22	10.23	7.03				8.42	5.65	6.81	8.20
26/4/22	10.71	7.59					8.97	8.54	10.51	8.27	29/4/22	7.38	10.19										7.09	5.83	6.80	8.16	1/5/22	10.58	6.72				8.26	5.65	6.81	7.33
26/4/22	12.24	7.35					9.83	7.80	8.97	8.19	29/4/22	7.16	9.17										7.09	5.50	7.02	7.85	1/5/22	10.38	6.85				8.25	6.15	6.86	7.39
26/4/22	13.10	7.73					9.50	7.55	8.84	8.18	29/4/22	7.47	8.52										7.28	5.19	7.32	7.42	1/5/22	11.81	7.10				8.25	6.04	7.03	7.44
26/4/22	12.74	7.72					9.04	7.34	8.70	8.14	29/4/22	7.47	7.95										7.31	5.03	7.45	7.15	1/5/22	11.54	7.25				8.52	5.92	7.17	7.56
26/4/22	13.82	7.36					8.89	7.34	8.43	8.07	29/4/22	7.16	7.34										7.30	4.98	7.18	6.99	1/5/22	11.34	8.32				8.52	5.95	7.06	7.57
26/4/22	13.06	7.86					8.67	7.69	8.08	8.21	29/4/22	6.99	7.02										7.50	4.82	6.81	6.99	1/5/22	10.65	8.75				8.49	6.17	8.28	7.63
26/4/22	12.15	10.13					8.53	8.00	7.76	8.45	29/4/22	6.34	6.76										7.39	5.03	6.54	7.15	1/5/22	9.92	8.78				8.72	6.38	8.97	7.67
26/4/22	11.38	12.19					8.23	7.67	7.42	8.65	29/4/22	6.84	6.66										6.94	5.22	6.57	7.17	1/5/22	9.82	8.42				8.89	7.10	8.81	7.65
26/4/22	11.06	10.91					8.08	7.32	7.38	8.68	29/4/22	6.89	6.65										6.92	5.37	6.66	6.97	1/5/22	9.61	8.29				8.98	7.07	8.95	7.60
26/4/22	10.99	8.61					7.91	7.25	7.54	8.65	29/4/22	7.07	6.14										6.94	5.61	6.79	6.98	1/5/22	9.83	7.51				8.86	6.69	9.32	7.58
26/4/22	10.76	7.98					7.71	6.94	7.67	8.59	29/4/22	7.07	6.10										7.14	5.71	6.89	7.01	1/5/22	9.53	7.99							

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	
3/5/22	6.36						7.19	5.18	6.41	7.32	5/5/22	9.53	8.73						4.91	5.63	6.42	7/5/22	8.06	8.09					6.32	5.62	6.01	7.79	
3/5/22	6.92						7.02	4.74	6.39	7.21	5/5/22	9.30	8.78						5.62	5.67	6.52	8/5/22	7.99	8.13					6.30	4.67	5.81	8.10	
3/5/22	6.95						6.81	4.16	6.17	7.10	5/5/22	8.89	8.51						6.07	5.64	6.68	8/5/22	7.91	7.99					6.05	4.56	5.88	8.14	
3/5/22	6.77						6.69	4.07	6.23	7.32	5/5/22	9.42	9.35						6.01	5.76	6.83	8/5/22	7.92	7.94					6.38	4.91	5.88	7.55	
3/5/22	6.88	7.12					6.77	5.22	6.36	7.16	5/5/22	8.93	9.02						5.73	6.15	6.99	8/5/22	8.19	7.93					6.75	5.10	5.88	6.94	
3/5/22	7.01	7.49					6.90	4.55	6.61	6.90	5/5/22	8.53	9.61						4.99	6.34	7.17	8/5/22	8.39	7.82					6.68	5.66	5.71	7.69	
3/5/22	7.39	7.35					7.11	4.85	6.76	7.19	5/5/22	8.61	8.77						5.08	6.17	7.34	8/5/22	8.09	8.06					6.44	6.02	5.08	7.84	
3/5/22	7.67	7.35					7.28	4.94	7.02	6.97	5/5/22	7.98	8.46						5.21	6.54	7.59	8/5/22	7.71	8.07					6.34	5.50	5.29	7.90	
3/5/22	7.54	7.31					7.41	5.27	6.95	6.96	5/5/22	7.14	8.03						5.04	6.93	7.45	8/5/22	7.60	7.65					6.47	5.39	5.91	7.64	
3/5/22	7.84	7.77					7.38	5.41	7.25	6.74	5/5/22	7.13	7.52						4.75	6.52	7.27	8/5/22	7.66	7.87					6.60	4.91	5.82	7.75	
3/5/22	8.19	7.23					7.62	5.01	6.88	6.74	5/5/22	7.58	6.84						4.48	6.27	7.32	8/5/22	7.99	7.68					6.64	4.61	5.70	7.94	
3/5/22	8.30	7.53					7.72	4.94	6.42	6.73	5/5/22	7.54	5.94						4.29	6.38	7.15	8/5/22	7.81	7.65					6.46	4.43	5.75	7.93	
3/5/22	8.77	7.53					7.69	5.02	6.21	6.86	5/5/22	7.55	4.69						4.32	7.49	7.02	8/5/22	7.98	7.56					6.25	4.15	5.93	7.95	
3/5/22	8.96	7.43					7.70	5.07	6.08	6.90	5/5/22	7.93							4.46	7.90	6.88	8/5/22	7.64	6.97					6.25	4.04	5.78	7.95	
3/5/22	9.19	8.40					7.74	5.02	6.07	7.04	5/5/22	7.65							4.49	6.90	6.84	8/5/22	7.48	6.98					6.31	4.23	5.86	7.89	
3/5/22	9.78	9.18					7.74	5.11	6.14	7.15	5/5/22	7.72							4.82	6.24	6.68	8/5/22	7.39	6.81					6.44	4.40	5.94	7.88	
3/5/22	11.01	9.82					7.84	5.72	6.22	7.23	5/5/22	7.67							4.11	6.62	6.12	6.67	8/5/22	7.14	6.85					6.34	4.67	6.03	7.90
3/5/22	11.57	9.96					8.22	6.65	6.24	7.30	5/5/22	7.64							7.05	6.65	6.23	6.60	8/5/22	6.43	6.99					6.58	5.16	6.32	7.95
3/5/22	11.62	9.62					8.41	7.17	6.32	7.35	5/5/22	7.05							7.10	4.64	6.39	6.45	8/5/22	6.54	7.32					6.73	5.59	6.50	8.10
3/5/22	11.84	10.54					8.33	7.08	6.41	7.55	5/5/22	7.42							7.04	4.17	6.41	6.41	8/5/22	6.42	7.32					6.92	6.41	6.84	8.07
3/5/22	11.95	11.47					8.17	6.15	6.30	7.52	6/5/22	7.89							7.02	3.78	6.25	6.49	8/5/22	6.49	7.28					7.11	6.61	7.27	8.02
3/5/22	10.83	11.92					8.52	6.36	6.88	7.48	6/5/22	7.71							6.88	3.41	6.57	6.49	8/5/22	6.95	7.28					7.46	6.15	7.71	8.20
3/5/22	10.13	11.74					9.04	7.10	7.83	7.65	6/5/22	7.39							6.60	3.35	6.40	6.56	8/5/22	6.95	7.24					7.51	5.87	7.68	7.92
3/5/22	9.85	9.90					9.41	7.30	8.31	7.74	6/5/22	6.74							6.71	3.94	6.06	6.55	8/5/22	6.57	7.40					7.55	5.27	7.49	7.94
3/5/22	10.00	10.85					9.43	7.42	9.07	7.81	6/5/22	5.23							6.64	4.88	5.68	6.66	8/5/22	6.49	7.30					7.74	5.04	7.13	7.95
3/5/22	11.71	10.93					9.42	7.24	9.28	7.89	6/5/22	5.23							6.56	4.69	5.53	6.79	8/5/22	6.29	7.42					7.53	4.83	6.26	7.91
3/5/22	12.13	10.81					9.28	7.23	8.96	7.69	6/5/22	2.62							6.49	4.51	5.78	6.83	8/5/22	7.25	7.42					7.67	4.96	5.88	7.78
3/5/22	11.79	10.42					8.84	6.57	8.46	7.97	6/5/22	2.58							6.51	4.43	5.80	6.93	8/5/22	7.44	7.41					7.50	5.02	7.78	7.72
3/5/22	10.85	10.33					8.50	6.66	8.42	7.87	6/5/22	2.72							6.34	4.64	5.62	6.95	8/5/22	7.72	7.33					7.48	4.97	5.68	7.41
3/5/22	11.08	9.95					8.22	7.40	9.54	7.70	6/5/22	3.45	5.90						6.35	4.74	5.46	6.92	8/5/22	8.16	7.59					7.67	4.98	7.78	7.40
3/5/22	11.74	8.79					8.12	6.96	9.21	7.65	6/5/22	3.44	5.92						6.53	4.58	5.36	6.88	8/5/22	8.24	7.65					7.79	5.06	5.86	7.60
3/5/22	11.64						8.06	6.33	8.01	7.59	6/5/22	3.92	5.73						6.55	4.40	5.28	6.85	8/5/22	8.37	7.71					7.83	5.14	6.03	7.47
3/5/22	12.01						8.00	6.16	7.45	7.76	6/5/22	4.69	5.66						6.51	4.21	5.18	6.82	8/5/22	9.02	7.97					7.91	5.70	6.21	7.40
3/5/22	11.65						8.27	6.14	7.02	7.73	6/5/22	4.88	5.44						6.48	4.30	5.13	6.83	8/5/22	10.33	8.18					7.68	6.61	6.63	7.71
3/5/22	11.73						8.13	6.24	6.72	7.50	6/5/22	4.97	6.11						6.56	4.57	5.47	6.63	8/5/22	10.81	8.54					8.22	6.13	6.95	7.84
3/5/22	11.58						8.11	6.60	6.76	7.48	6/5/22	5.22	6.48						6.60	4.80	5.57	6.67	8/5/22	10.14	8.74					8.38	5.77	7.01	7.68
3/5/22	10.99						8.11	6.31	7.05	7.60	6/5/22	5.35	6.46						6.65	4.84	5.50	6.75	8/5/22	9.36	8.70					8.44	6.02	7.02	7.38
3/5/22	10.51						7.94	5.75	7.44	7.64	6/5/22	5.47	6.45						6.74	4.87	5.58	6.81	8/5/22	8.91	9.14					8.31	6.18	6.95	7.90
3/5/22	11.34						7.96	5.52	7.60	7.74	6/5/22	4.99	6.48						6.67	5.04	5.69	6.87	8/5/22	9.19	8.78					8.14	6.20	6.95	8.17
3/5/22	11.45						7.98	5.53	7.56	7.76	6/5/22	5.17	6.38						6.57	5.09	5.87	6.78	8/5/22	8.02	8.41					8.07	6.36	6.75	8.36
4/5/22	12.00						7.97	5.53	7.36	7.36	6/5/22	5.56	6.36						6.82	5.21	5.83	6.91	8/5/22	6.51	8.04					7.70	6.17	6.74	8.50
4/5/22	11.56						7.83	5.28	7.19	7.28	6/5/22	5.46	6.50						6.92	5.66	5.62	6.87	8/5/22	6.27	8.00					7.54	5.86	6.89	8.22
4/5/22	10.47						7.39	5.06	7.38	7.69	6/5/22	5.76	6.31						7.05	5.26	5.45	6.74	8/5/22	6.49	8.00					7.64	5.68	7.07	7.83
4/5/22	9.05						7.40	4.72	7.11	7.82	6/5/22	7.21	6.21						7.02	5.08	5.29	7.07	8/5/22	7.12	7.83					7.70	5.34	7.29	7.73
4/5/22	7.48						7.42	5.03	6.54	7.85	6/5/22	6.51	6.18						7.02	5.04	5.11	6.62	8/5/22	7.24	7.57					7.73	5.22	7.22	7.39
4/5/22	7.63						7.46	5.53	6.06	7.94	6/5/22	6.67	6.30						7.04	5.27	5.28	6.59	8/5/22	6.81	7.09					7.87	5.37	7.05	7.64
4/5/22	6.49						7.34	5.79	5.86	7.85	6/5/22	6.59	5.80						7.06	5.01	5.38	6.61	8/5/22	6.79	6.83					7.88	5.31	6.89	7.69
4/5/22	6.63						7.21	5.50	5.91	7.63	6/5/22	6.69	5.07						7.15	4.87	5.46	6.75	8/5/22	7.30	6.76					7.53	5.26	7.03	7.38
4/5/22	6.83						7.00	4.92	6.10	7.39	6/5/22	6.92</																					

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2		
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		
10/5/22	8.68	7.27					7.58	4.70	6.09	6.90	12/5/22	10.70										8.13	5.40	6.62	7.09	15/5/22	5.69				5.99	2.54	4.57	6.01
10/5/22	7.66	7.21					7.67	4.83	6.31	6.82	12/5/22	9.69										7.96	5.22	6.22	7.26	15/5/22	5.51			5.56	2.23	4.26	5.52	
10/5/22	8.34	7.42					7.93	5.19	6.64	7.40	12/5/22	9.77										7.75	5.50	6.12	7.34	15/5/22	4.59			5.43	2.41	4.17	5.85	
10/5/22	8.16	8.40					7.90	5.37	7.29	7.23	12/5/22	9.69										7.49	4.69	6.02	7.51	15/5/22	4.39			5.81	2.56	4.26	5.92	
10/5/22	7.71	9.80					8.35	4.98	7.60	7.39	12/5/22	9.61										7.32	4.53	6.27	7.57	15/5/22	4.97			6.02	2.38	4.22	5.85	
10/5/22	8.33	9.22					8.74	5.32	7.85	7.87	12/5/22	9.05										7.18	4.32	6.56	7.70	15/5/22	5.91			6.08	2.24	4.45	5.79	
10/5/22	9.19	8.96					8.90	6.29	8.05	8.25	12/5/22	8.42										7.31	4.17	7.17	7.57	15/5/22	6.02			6.23	2.46	4.62	5.43	
10/5/22	8.63	8.36					9.45	6.87	8.26	8.34	12/5/22	9.16										7.42	3.93	7.12	7.53	15/5/22	5.76			5.98	2.22	4.50	5.33	
10/5/22	10.91	8.01					9.68	6.72	8.34	8.10	12/5/22	9.27										7.38	3.64	7.27	6.99	15/5/22	5.84			5.94	2.36	4.57	5.38	
10/5/22	11.32	8.13					9.63	6.22	8.28	8.46	12/5/22	8.78										7.27	3.65	7.11	6.94	15/5/22	6.34			6.26	2.59	4.19	5.24	
10/5/22	10.70	8.33					9.27	6.14	8.48	8.10	12/5/22	8.89										7.17	3.97	6.52	7.09	15/5/22	5.89			6.48	2.73	4.30	5.68	
10/5/22	10.21	8.60					9.34	6.36	8.97	7.80	13/5/22	8.72										7.00	4.10	5.93	6.87	15/5/22	5.83			6.49	3.13	4.45	5.79	
10/5/22	10.41	8.82					9.45	7.12	9.28	8.23	13/5/22	8.87										7.03	4.27	5.68	6.84	15/5/22	6.47			6.58	3.43	4.56	5.87	
10/5/22	10.82	8.68					9.62	6.80	8.32	8.21	13/5/22	7.62										6.89	3.67	4.93	6.65	15/5/22	7.01			6.60	3.48	4.73	5.92	
10/5/22	12.20	10.38					9.46	6.48	7.59	7.75	13/5/22	7.26										6.23	3.76	4.69	6.62	15/5/22	8.07			6.71	3.41	4.74	5.89	
10/5/22	12.25	10.44					9.25	5.92	7.19	7.57	13/5/22	6.83										5.65	3.76	4.59	6.59	15/5/22	8.87			7.17	4.13	4.76	5.82	
10/5/22	14.79	10.87					9.18	5.78	7.06	7.87	13/5/22	6.50										5.33	3.08	4.54	6.47	15/5/22	9.01			7.45	4.54	5.16	5.84	
10/5/22	16.24	10.43					9.08	5.46	7.02	8.08	13/5/22	5.83										4.83	2.51	4.51	6.30	15/5/22	8.94			7.27	4.61	5.50	6.24	
10/5/22	15.81	10.25					9.04	5.52	6.81	8.11	13/5/22	5.30										5.20	2.02	4.48	6.10	15/5/22	8.63			7.25	4.85	5.35	6.20	
10/5/22	16.28	11.58					9.26	5.55	6.71	8.11	13/5/22	5.49										5.48	1.94	4.66	5.91	15/5/22	8.44			7.50	5.03	6.38	6.37	
10/5/22	15.97	12.78					9.16	5.90	6.64	8.36	13/5/22	5.97										5.47	1.66	4.67	5.91	15/5/22	10.33			7.27	5.44	7.48	6.53	
10/5/22	15.10	13.88					8.77	6.44	6.64	8.34	13/5/22	5.76										5.70	1.28	4.49	5.72	15/5/22	10.44			8.13	5.59	8.09	6.80	
10/5/22	14.15	16.04					8.45	6.61	6.67	8.21	13/5/22	5.75										6.09	4.90	4.38	5.35	15/5/22	11.02			8.41	5.51	8.39	6.80	
10/5/22	14.26	15.94					8.35	6.34	6.73	8.19	13/5/22	6.00										6.33	2.53	4.62	5.45	15/5/22	10.84			8.13	5.14	8.08	6.88	
10/5/22	13.79	14.40					8.82	6.13	6.68	7.94	13/5/22	5.92										6.13	2.78	4.69	5.52	15/5/22	10.74			7.95	5.82	6.72	6.85	
10/5/22	13.77	13.79					8.66	5.43	6.45	7.68	13/5/22	5.94										5.81	2.99	4.72	5.59	15/5/22	11.43			7.69	6.34		7.13	
10/5/22	13.59	13.78					8.40	4.29	6.40	7.64	13/5/22	5.99										5.82	3.18	4.76	5.72	15/5/22	11.07			7.46	6.55		6.96	
10/5/22	12.60	13.80					8.02	4.57	5.97	7.86	13/5/22	6.04										5.89	3.22	4.98	5.80	15/5/22	10.01			7.49	6.06		7.28	
10/5/22	11.18	13.71					8.19	5.50	5.39	7.80	13/5/22	6.24										6.27	3.33	5.04	5.91	15/5/22	9.89			8.19	5.68		6.85	
10/5/22	10.24	13.66					8.03	5.23	5.35	7.67	13/5/22	6.61										6.03	3.44	5.06	6.04	15/5/22	10.92			7.75	5.39		6.89	
11/5/22	10.30	13.01					7.92	4.92	5.47	7.83	13/5/22	6.54										6.59	3.50	5.09	6.08	15/5/22	10.87			8.04	5.09		6.58	
11/5/22	10.23	12.22					7.60	4.80	5.71	7.98	13/5/22	6.68										6.70	3.31	5.10	6.12	15/5/22	10.36			8.01	5.11		6.85	
11/5/22	10.28	10.61					7.37	4.45	5.61	8.01	13/5/22	6.85										6.82	3.56	5.51	6.15	15/5/22	9.85			7.85	4.79		6.52	
11/5/22	10.04	9.42					7.16	4.04	5.45	7.87	13/5/22	6.16										6.69	4.42	5.53	6.16	15/5/22	8.52			7.52	4.45		6.67	
11/5/22	8.08	8.25					7.20	3.88	5.30	7.58	13/5/22	6.61										6.31	4.48	6.55	6.18	15/5/22	7.15			7.25	5.36		6.83	
11/5/22	8.16	8.91					7.26	3.64	5.09	7.71	13/5/22	7.36										6.65	4.35	7.64	6.60	15/5/22	6.14			6.64	4.84		6.88	
11/5/22	8.55	9.04					7.03	3.50	5.02	7.65	13/5/22	8.06										6.98	4.48	8.30	6.71	15/5/22	5.64			6.55	4.77		6.90	
11/5/22	6.84	7.60					7.05	3.32	4.76	7.40	13/5/22	8.75										7.69	4.37	8.47	6.74	15/5/22	6.89			6.91	4.40		6.73	
11/5/22	6.91	7.69					6.72	3.58	4.59	7.19	13/5/22	8.67										8.00	4.98	8.51	6.67	15/5/22	7.70			7.24	4.23		6.53	
11/5/22	7.38	8.84					6.65	3.40	5.01	7.06	13/5/22	8.79										7.81	6.43	8.68	6.64	15/5/22	8.34			7.48	3.89		6.47	
11/5/22	7.91	8.99					6.60	3.30	5.46	7.03	13/5/22	10.02										7.72	7.67	8.65	6.89	16/5/22	9.34			7.26	3.59		6.04	
11/5/22	7.46	7.78					6.70	3.23	5.60	6.87	13/5/22	10.63										7.97	8.46	8.62	7.36	16/5/22	9.81			7.00	3.52		6.37	
11/5/22	7.51	6.85					6.75	3.45	5.42	6.77	13/5/22	9.35										7.93	8.25	8.75	7.48	16/5/22	8.34			6.57	3.55		6.41	
11/5/22	7.90	7.09					6.70	3.62	5.29	6.87	13/5/22	8.02										7.63	8.28	8.88	7.40	16/5/22	6.94			6.23	3.48		6.48	
11/5/22	6.83	6.95					6.63	3.87	5.39	6.96	13/5/22	8.45										8.27	8.76	8.87	6.97	16/5/22	6.93			6.04	3.10		6.45	
11/5/22	6.49	7.58					6.73	3.97	5.45	7.04	13/5/22	9.59										8.55	7.84	8.14	6.88	16/5/22	7.32			6.02	3.40		6.28	
11/5/22	6.58	8.30					6.64	3.93	5.59	6.99	13/5/22	11.44										9.08	6.50	7.43	6.89	16/5/22	7.56			5.84	3.45		6.34	
11/5/22	5.98	8.60					6.74	4.04	5.43	6.91	13/5/22	12.29										8.78	5.56	7.44	6.63	16/5/22	7.41			5.78	3.18		6.10	

data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l					
17/5/22	10.12	6,70					6,95			5,70	19/5/22	6,72	7,45								6,57	5,64	22/5/22	5,64							5,87	4,42	7,08	5,27	
17/5/22	10.21	6,89					7,09			5,65	19/5/22	6,37	6,85								6,53	5,85	22/5/22	6,03							5,82	4,78	7,74	5,62	
17/5/22	10.10	7,74					7,16			5,56	20/5/22	6,95	6,27								6,34	5,62	22/5/22	6,57							6,43	5,60	8,32	5,94	
17/5/22	10.27	7,94					7,06			6,15	20/5/22	6,85	5,80								6,05	5,57	22/5/22	7,72							6,40	5,87	9,13	6,58	
17/5/22	9,68	9,41					7,06			6,46	20/5/22	6,86	5,04								6,27	5,69	22/5/22	8,96							6,51	5,27	10,19	6,61	
17/5/22	9,92	9,58					7,03			6,70	20/5/22	7,36	4,41								6,23	5,73	22/5/22	9,07							6,57	5,08	10,76	6,71	
17/5/22	11,95	9,78					6,78			6,57	20/5/22	8,32	3,88								6,31	5,67	22/5/22	9,15							6,84	4,82	10,83	6,72	
17/5/22	11,61	9,77					6,75			6,49	20/5/22	7,70	3,17								6,22	5,61	22/5/22	9,83							6,90	5,84	10,57	6,44	
17/5/22	11,77	9,76					6,71			6,72	20/5/22	7,35	5,77								6,08	5,40	22/5/22	9,87							7,20	5,84	10,46	6,85	
17/5/22	11,15	9,08					6,64			6,02	20/5/22	6,97	5,81								5,79	5,40	22/5/22	10,01	6,81						7,24	5,43	9,82	6,39	
17/5/22	10,10	8,38					6,84			6,39	20/5/22	6,60	5,41								5,56	5,44	22/5/22	9,29	7,67						7,31	4,81	7,82	6,09	
17/5/22	8,75	7,56					6,97			6,23	20/5/22	6,18	5,36								5,77	5,74	22/5/22	9,74	8,67						7,61	4,97	6,46	5,79	
17/5/22	8,14	7,30					7,50			6,15	20/5/22	5,80	5,71								5,68	5,48	22/5/22	10,82	8,69						8,81	5,23	5,96	5,82	
17/5/22	7,42	6,86					7,32			6,10	20/5/22	5,59	5,84								5,64	5,39	22/5/22	11,79	8,73						9,22	5,09	5,50	6,01	
17/5/22	7,12	6,52					7,27			5,80	20/5/22	5,83	6,41								5,47	5,53	22/5/22	11,93	8,39						8,34	4,95	5,19	6,12	
17/5/22	7,15	5,80					7,21			6,24	20/5/22	6,19	6,67								5,42	5,75	22/5/22	11,63	8,79						7,88	4,90	5,07	6,10	
17/5/22	6,83	5,20					7,15			5,98	20/5/22	6,65	6,71								5,29	5,81	22/5/22	11,24	9,54						7,50	5,35	5,23	6,20	
17/5/22	6,35	4,35					6,97			5,82	20/5/22	6,60	6,75								5,17	5,81	22/5/22	10,68	9,52						6,96	6,07	5,37	6,20	
17/5/22	5,74	3,79					6,80			5,82	20/5/22	7,88	6,62								5,55	5,67	22/5/22	10,39	9,68						6,90	6,77	5,50	6,31	
17/5/22	5,31	3,58					6,10			5,86	20/5/22	8,24	6,81								5,83	5,69	22/5/22	10,40	9,41						6,80	6,80	5,77	6,33	
17/5/22	5,98	3,20					6,61			5,70	20/5/22	8,59	6,93								6,13	5,68	22/5/22	10,16	9,23						6,84	6,83	6,08	6,30	
18/5/22	5,56	2,49					7,11			5,42	20/5/22	8,52	7,25								6,44	5,65	22/5/22	9,81	9,26						7,00	6,73	6,43	6,11	
18/5/22	6,72						7,08			5,66	20/5/22	8,49	7,24								6,55	5,31	22/5/22	10,47	8,65						7,27	6,52	6,80	5,94	
18/5/22	6,54						7,10			5,50	20/5/22	9,11	7,41								6,85	5,03	22/5/22	10,22	7,51						7,56	5,51	6,97	6,03	
18/5/22	6,46						6,45			5,48	20/5/22	9,68	7,30								6,82	5,04	22/5/22	9,60	6,32						6,79	4,70	7,08	5,94	
18/5/22	6,82						6,23			5,64	20/5/22	10,40	7,25								6,98	4,99	22/5/22	9,09	5,92						6,16	4,14	6,75	5,89	
18/5/22	6,94						6,26			5,71	20/5/22	11,73	7,59								7,59	5,06	22/5/22	8,60	5,90						6,37	4,54	5,98	6,15	
18/5/22	6,58	3,06					6,19			5,77	20/5/22	11,79	8,13								7,30	4,54	5,68	5,31	22/5/22	9,08	5,89					5,81	5,64	5,11	5,94
18/5/22	6,12	4,62					6,09			5,64	20/5/22	12,62	8,43								7,29	4,47	5,43	5,49	22/5/22	9,51	7,23					5,79	6,40	4,91	5,97
18/5/22	5,70	4,99					6,05			5,51	20/5/22	13,15	8,63								7,17	4,52	5,32	5,67	22/5/22	8,26	6,30					5,48	6,25	5,14	5,95
18/5/22	5,23	5,45					5,87			5,34	20/5/22	13,81	8,52								7,39	4,87	5,39	5,72	22/5/22	5,80	6,37					5,47	6,34	4,69	5,99
18/5/22	5,30	5,72					5,59			5,31	20/5/22	12,91	9,04								7,40	5,79	5,49	5,87	23/5/22	5,13	7,27					5,66	6,51	4,29	6,00
18/5/22	4,88						5,23			5,33	20/5/22	13,03	9,36								7,50	6,66	5,63	5,92	23/5/22	5,40	6,18					6,04	6,30	4,23	5,98
18/5/22	4,47						4,92			5,00	20/5/22	12,55	10,65								7,54	7,65	5,77	6,08	23/5/22	4,91	5,49					5,70	5,64	4,46	5,59
18/5/22	4,47						4,82			5,10	20/5/22	12,38	12,04								7,28	7,89	5,87	6,13	23/5/22	4,93						5,49	5,13	4,67	5,64
18/5/22	3,85						5,11			4,93	20/5/22	12,79	11,16								7,39	7,27	5,95	6,50	23/5/22	4,91						5,47	3,61	4,64	5,66
18/5/22	4,06						5,09			5,05	20/5/22	12,48	10,11								7,48	7,81	5,88	6,36	23/5/22	4,06						5,42	2,90	4,63	5,47
18/5/22	5,09						5,43			5,08	20/5/22	12,35	11,35								7,26	7,01	6,14	6,40	23/5/22	3,29						4,76	2,63	4,55	5,40
18/5/22	5,00						5,71			4,99	20/5/22	11,61	11,08								6,96	7,07	7,43	6,34	23/5/22	4,38						5,11	2,94	4,54	5,27
18/5/22	5,47						5,72			4,58	20/5/22	10,95	10,25								6,86	7,05	8,17	6,40	23/5/22	4,82						4,86	3,21	4,58	5,31
18/5/22	5,89	6,69					5,85			4,52	20/5/22	10,65	9,59								6,91	6,87	7,88	6,37	23/5/22	4,40						4,78	3,25	4,44	4,75
18/5/22	6,14	6,84					6,01			4,47	20/5/22	10,14	8,91								6,74	6,25	7,51	6,15	23/5/22	4,21						4,97	3,42	3,54	5,14
18/5/22	6,35	6,50					6,28			4,61	20/5/22	9,71	8,13								6,88	6,12	7,33	6,13	23/5/22	3,65						4,95	3,39	3,48	5,28
18/5/22	6,73	6,29					6,55			4,64	20/5/22	9,71	7,76								6,45	6,71	7,62	6,05	23/5/22	3,74						5,00	3,25	3,58	5,17
18/5/22	7,28	6,44					6,68			5,01	20/5/22	9,63	7,40								6,26	7,03	8,62	5,96	23/5/22	4,34						4,85	2,99	3,81	5,17
18/5/22	7,23	6,24					6,66			4,90	20/5/22	9,31	7,48								6,32	7,20	8,14	5,92	23/5/22	4,20						5,10	3,06	4,48	5,45
18/5/22	7,22	6,50					6,74			5,08	20/5/22	8,88	8,00								5,91	6,23	7,37	5,92	23/5/22	4,65						5,04	2,95	4,73	5,29
18/5/22	7,57	7,16					6,85			5,15	20/5/22	7,92	7,63								6,23	5,88	6,43	5,96	23/5/22	5,32						5,17	2,88	5,06	5,42
18/5/22	7,78	7,40					7,05																												

data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	ve1 mg/l		ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	ve1 mg/l	ve2 mg/l		ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l			
24/5/22		4,95						7,60	6,75	5,99	27/5/22												2,88	6,03	5,83	29/5/22	6,03	5,59				7,18	5,89	6,67	6,26
24/5/22		5,35						7,61	6,94	5,78	27/5/22		3,91										3,06	5,79	5,43	29/5/22	5,89	5,54				7,17	6,00	6,68	6,27
24/5/22		5,11						7,81	7,25	5,98	27/5/22		4,23										2,51	5,38	5,15	29/5/22	5,77	5,40				7,18	6,02	7,10	6,18
24/5/22		5,17						7,41	7,51	5,93	27/5/22		3,66										2,22	4,90	5,01	29/5/22	5,70	5,69				7,04	5,91	7,25	6,16
24/5/22		4,59						7,55	7,58	6,35	27/5/22		3,06										1,84	4,98	5,05	29/5/22	5,63	6,00				7,00	6,14	7,30	6,13
24/5/22		3,99						7,29	7,62	6,19	27/5/22		3,94										1,74	5,52	5,32	29/5/22	5,90	6,00				7,11	6,05	7,05	6,00
24/5/22		3,30						6,79	7,60	6,14	27/5/22		3,95										2,14	5,47	5,56	29/5/22	6,10	6,19				7,30	6,06	7,15	6,11
24/5/22		3,19						4,82	7,31	5,92	27/5/22		4,12										2,89	5,00	5,64	29/5/22	6,18	6,12				7,51	6,09	7,37	5,99
24/5/22		2,62						5,08	7,18	5,96	27/5/22		4,43										2,86	5,19	5,46	29/5/22	6,10	6,34				7,80	6,07	7,34	6,11
24/5/22								5,99	6,48	6,01	27/5/22		4,87										3,17	5,24	5,44	29/5/22	6,29	6,37				7,73	5,98	7,07	6,15
24/5/22								5,49	6,02	5,96	27/5/22		5,26										3,09	5,24	5,37	29/5/22	6,36	6,26				7,52	5,82	7,23	6,19
24/5/22	3,04							6,08	5,75	5,75	27/5/22		5,53										3,01	5,21	5,18	29/5/22	6,34	5,92				7,67	5,81	7,10	6,19
25/5/22	2,79							4,75	5,45	5,71	27/5/22		5,73										3,15	5,16	5,28	29/5/22	6,29	5,29				6,97	6,05	7,07	6,18
25/5/22								4,65	5,37	5,51	27/5/22		5,68										3,23	4,99	5,14	29/5/22	6,19	4,79				6,93	5,89	7,09	6,09
25/5/22		4,32						4,07	5,32	5,47	27/5/22	7,31	5,33										3,45	4,93	5,26	29/5/22	5,99	4,12				6,88	5,83	6,97	6,19
25/5/22		4,52						4,45	5,31	5,24	27/5/22	7,41	5,95										3,74	5,03	5,46	29/5/22	5,69	3,29				6,88	5,94	6,88	6,08
25/5/22		3,83						4,35	5,59	5,62	27/5/22	5,89	6,31										3,75	5,38	5,77	29/5/22	5,55					6,90	6,08	6,83	6,05
24/5/22		3,34						4,49	5,93	5,83	27/5/22	6,82	6,51										3,90	5,85	5,72	29/5/22	5,55					6,82	6,10	6,80	6,15
25/5/22		3,27						4,42	5,97	5,53	27/5/22	7,64	6,86										4,47	7,72	5,86	29/5/22	5,53					6,75	6,06	6,78	6,17
25/5/22		3,22						4,39	6,00	5,42	27/5/22	8,44	6,46										5,05	8,63	5,97	29/5/22	5,91					6,60	6,08	6,70	6,10
25/5/22		3,37						4,22	5,87	5,58	27/5/22	9,01	6,64										4,99	9,04	6,27	29/5/22	6,12					6,52	6,12	6,66	6,09
25/5/22		3,21						3,90	5,48	5,20	27/5/22	10,59	6,24										5,19	9,27	6,18	29/5/22	5,71					6,53	5,47	6,56	6,13
25/5/22		3,14						3,35	5,68	5,41	27/5/22	11,78	6,01										6,76	9,63	6,14	30/5/22	5,66					6,56	5,42	6,53	6,05
25/5/22		3,15						3,42	5,68	5,29	27/5/22	12,08	6,04										7,03	9,74	6,52	30/5/22	5,69					6,52	5,63	6,19	6,15
25/5/22		3,50						3,70	5,63	5,38	27/5/22	11,96	6,03										7,00	9,72	6,65	30/5/22	5,53					6,42	5,68	6,07	6,25
25/5/22		3,62						3,83	5,46	5,35	27/5/22	11,26	5,88										6,70	9,78	6,55	30/5/22	5,74					6,37	5,80	5,76	6,27
25/5/22		4,15						3,88	5,52	5,18	27/5/22	11,08	6,03										6,13	9,94	6,55	30/5/22	5,59					6,21	5,80	5,68	6,22
25/5/22		3,96						3,78	5,48	4,96	27/5/22	10,67	6,39										6,30	8,66	6,47	30/5/22	5,37					6,35	5,49	5,80	6,26
25/5/22		4,09						3,64	5,55	4,93	27/5/22	10,34	6,54										5,22	7,86	6,43	30/5/22	5,34	3,10				6,42	4,98	5,82	6,15
25/5/22		4,13						3,18	5,53	4,88	27/5/22	9,29	6,48										4,95	6,97	6,15	30/5/22	5,48	4,43				6,43	4,69	6,01	6,05
25/5/22		4,40						3,53	5,65	5,31	27/5/22	8,50	6,55										4,45	6,32	6,39	30/5/22	5,51	4,41				6,34	4,41	6,06	6,00
25/5/22		4,96						3,96	5,83	5,61	27/5/22	7,78	5,80										5,13	6,01	6,13	30/5/22	5,43	4,82				6,19	4,18	5,96	5,91
25/5/22		5,22						3,81	5,95	5,79	27/5/22	7,54	5,19										5,55	5,94	6,21	30/5/22	5,27	4,88				6,20	4,06	5,97	5,89
25/5/22		5,19						4,97	7,35	6,17	27/5/22	7,18	4,18										6,24	6,14	6,11	30/5/22	5,16	5,09				5,83	4,16	6,01	6,03
25/5/22		5,62						5,48	8,21	6,21	27/5/22	7,10	3,90										6,83	6,40	6,04	30/5/22	5,19	5,22				5,90	4,17	6,03	6,09
25/5/22		5,75						5,30	8,34	6,30	27/5/22	6,71	2,95										6,78	6,49	5,75	30/5/22	5,48	5,28				6,06	4,17	6,13	6,08
25/5/22		5,51						6,01	8,56	6,45	27/5/22	6,30	3,14										7,22	6,54	6,02	30/5/22	5,78	5,60				6,37	4,36	6,24	6,10
25/5/22		5,17						6,31	8,94	6,86	27/5/22	6,49	3,05										7,14	6,48	5,85	30/5/22	5,95	6,03				6,50	4,70	6,18	6,01
25/5/22		5,23						6,82	9,22	6,89	27/5/22	6,87	2,91										5,41	6,59	5,91	30/5/22	5,83	5,92				6,28	4,97	6,04	6,20
25/5/22		5,41						7,00	9,58	6,95	27/5/22	7,11											4,64	6,59	6,04	30/5/22	6,03	5,99				6,42	5,05	5,91	6,39
25/5/22		5,99						6,86	9,74	7,03	27/5/22	6,30	2,47										4,63	5,82	5,98	30/5/22	6,21	6,07				6,52	4,94	5,87	6,21
25/5/22		5,78						6,56	10,20	6,89	28/5/22	5,81	2,64										4,11	5,28	5,92	30/5/22	6,35	5,93				6,60	5,05	5,90	5,99
25/5/22		6,10						6,37	9,77	7,05	28/5/22	5,43											3,89	4,87	5,95	30/5/22	6,51	5,84				6,64	5,11	5,98	6,01
25/5/22		6,07						6,61	8,93	6,94	28/5/22	5,08											3,32	4,31	5,80	30/5/22	6,65	5,51				6,63	5,65	5,98	5,99
25/5/22		6,65						5,81	7,65	6,55	28/5/22	5,02											3,33	4,24	5,70	30/5/22	7,13	4,88				6,65	6,91	5,99	6,13
25/5/22		6,72						5,56	7,03	6,34	28/5/22	4,83											3,33	4,92	5,55	30/5/22	7,05	4,39				6,85	7,20	6,05	6,16
25/5/22		7,44						5,66	6,60	6,23	28/5/22	4,79											3,06	5,10	5,70	30/5/22	7,61	4,93				7,11	7,59	6,10	6,26
25/5/22		6,78						5,96	6,25	6,17	28/5/22	4,36											2,48	5,60	5,51	30/5/22	7,15	4,6							

data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l		ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l			
31/5/22	9.30							7.06	7.33	7.09	7.65	3/6/22	7.68	4.22																					
31/5/22	9.14							7.34	7.35	7.09	7.78	3/6/22	7.83	4.55																					
31/5/22	9.52							7.21	7.01	7.04	7.68	3/6/22	7.89	4.49																					
1/6/22	9.70							7.06	6.60	6.98	7.81	3/6/22	7.67	4.63																					
1/6/22	9.64							7.03	6.68	6.89	7.93	3/6/22	7.37	5.04																					
1/6/22	9.16							7.02	6.24	6.44	8.14	3/6/22	7.80	5.58																					
1/6/22	8.18							6.88	6.19	6.29	8.04	3/6/22	9.15	6.33																					
1/6/22	7.57							7.18	5.74	6.16	7.77	3/6/22	9.94	6.38																					
1/6/22	5.96							7.12	5.75	6.06	7.93	3/6/22	10.01	6.62																					
1/6/22	5.38							7.05	5.59	6.13	8.47	3/6/22	10.22	7.03																					
1/6/22	5.23							6.94	5.32	6.37	8.29	3/6/22	10.69	7.00																					
1/6/22	5.31	2.89						6.80	5.04	6.73	8.24	3/6/22	10.90	7.00																					
1/6/22	5.22	3.24						6.68	4.67	7.18	8.01	3/6/22	11.26	6.88																					
1/6/22	4.87	3.33						6.55	4.33	7.38	7.80	3/6/22	11.63	7.45																					
1/6/22	4.63	3.68						6.38	3.83	7.46	7.56	3/6/22	12.30	7.25																					
1/6/22	5.12	4.08						6.28	3.54	7.73	7.62	3/6/22	11.18	7.40																					
1/6/22	5.39	4.16						6.64	3.60	7.94	7.56	3/6/22	9.98	6.68																					
1/6/22	5.75	4.54						6.77	3.87	8.18	7.69	3/6/22	10.68	6.79																					
1/6/22	6.01	4.94						6.86	3.91	8.41	7.63	3/6/22	10.74	8.93																					
1/6/22	6.17	5.63						7.02	3.94	8.55	7.26	3/6/22	10.97	9.20																					
1/6/22	6.55	5.93						7.10	3.76	8.27	7.53	3/6/22	10.94	8.18																					
1/6/22	6.90	6.19						7.04	4.11	7.90	7.50	3/6/22	10.18	7.57																					
1/6/22	7.96	7.10						6.90	4.25	6.99	7.51	3/6/22	10.12	7.22																					
1/6/22	8.72	7.03						6.83	4.40	6.71	7.50	3/6/22	8.98	6.52																					
1/6/22	9.65	7.06						6.96	4.81	6.61	7.62	3/6/22	8.91	5.79																					
1/6/22	9.72	7.04						7.16	4.69	6.45	7.53	3/6/22	8.95	4.81																					
1/6/22	10.99	6.74						7.28	5.26	6.36	7.34	3/6/22	9.11	3.68																					
1/6/22	11.97	6.39						7.20	6.46	6.15	7.25	3/6/22	8.80	3.02																					
1/6/22	13.25	6.12						7.45	7.35	6.14	7.27	3/6/22	8.83																						
1/6/22	14.36	5.07						7.56	8.26	6.21	7.47	3/6/22	8.07																						
1/6/22	14.47	5.03						7.68	8.70	6.56	7.39	3/6/22	8.31																						
1/6/22	12.76	4.72						7.84	8.21	6.69	7.51	3/6/22	7.77																						
1/6/22	12.25	5.20						7.91	8.06	6.62	7.60	4/6/22	8.84																						
1/6/22	12.27	6.23						8.04	7.74	7.36	7.89	4/6/22	7.76																						
1/6/22	12.25	7.26						8.31	7.80	8.10	7.85	4/6/22	6.19																						
1/6/22	13.76	6.78						8.62	7.52	8.13	7.77	4/6/22	5.08																						
1/6/22	13.41	6.97						8.83	8.01	8.10	7.93	4/6/22	4.46																						
1/6/22	13.22	6.89						8.86	7.84	8.18	7.99	4/6/22	4.06																						
1/6/22	12.61	6.76						8.89	7.59	8.56	7.95	4/6/22	3.59																						
1/6/22	11.99	6.39						8.85	7.14	8.66	7.79	4/6/22	3.26																						
1/6/22	10.98	6.80						8.67	6.58	8.73	7.68	4/6/22	3.83																						
1/6/22	10.86	6.61						8.41	6.20	9.23	7.70	4/6/22	4.12																						
1/6/22	10.87	6.94						8.16	7.12	8.93	7.35	4/6/22	4.40																						
1/6/22	10.46	6.10						7.95	7.53	8.07	7.27	4/6/22	4.72	3.33																					
1/6/22	10.22	4.73						7.73	7.05	7.79	7.21	4/6/22	5.16	3.44																					
1/6/22	9.95	3.62						7.68	5.94	7.36	7.02	4/6/22	5.69	3.94																					
1/6/22	9.46	2.78						7.25	5.97	7.03	7.43	4/6/22	6.28	4.59																					
1/6/22	8.59							6.96	5.87	6.86	7.24	4/6/22	6.63	4.41																					
1/6/22	7.40							7.11	6.44	6.85	7.00	4/6/22	8.02	3.68																					
1/6/22	7.12							7.16	5.95	6.85	6.98	4/6/22	8.24	3.54																					
1/6/22	6.93							6.98	6.17	6.85	7.08	4/6/22	8.37	3.82																					
2/6/22	8.69							6.73	6.05	6.74	7.13	4/6/22	8.80	4.28																					
2/6/22	9.06							6.71	5.98	6.61	7.16	4/6/22	9.58	4.50																					
2/6/22	9.23							6.63	5.30	6.57	7.01	4/6/22	6.89	5.30																					
2/6/22	8.76							6.48	5.39	6.17	7.08	4/6/22	7.63	6.24																					
2/6/22	8.77							6.33	4.87	5.94	6.78	4/6/22	8.39	6.38																					
2/6/22	8.54							6.52	5.19	5.75	7.00	4/6/22	10.00	6.29																					
2/6/22	7.27							6.65	5.22	5.63	7.01	4/6/22	10.41	6.57																					
2/6/22	5.90							6.54	4.76	5.6																									

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l
8/6/22	4.04						5.43	2.31	4.60	5.38	10/6/22	4.97	6.36					6.84	4.34	6.76	6.51	12/6/22	8.95						7.40	6.80	6.56	7.11
8/6/22	3.91						5.26	2.68	4.72	5.28	10/6/22	4.36	6.47					7.04	4.68	6.33	6.39	12/6/22	8.41						7.37	6.51	6.38	7.26
8/6/22	4.87						4.98	2.47	4.61	5.01	10/6/22	6.49	6.79					7.40	5.04	6.51	6.64	12/6/22	8.14						7.30	5.30	6.20	7.25
8/6/22	5.08						5.40	2.38	4.56	5.15	10/6/22	9.36	6.62					7.39	6.34	6.69	6.86	12/6/22	7.44						7.16	5.45	6.06	7.11
8/6/22	4.10						5.61	1.49	4.60	5.05	10/6/22	7.02	6.85					7.66	6.56	7.02	7.22	13/6/22	6.84						6.58	5.57	5.57	7.07
8/6/22	4.12						5.31	2.51	4.59	5.15	10/6/22	11.07	7.16					8.16	5.92	7.56	7.18	13/6/22	7.10						6.09	5.53	5.47	6.87
8/6/22	4.70						5.33	2.84	4.56	5.15	10/6/22	12.51	7.31					8.33	5.71	7.72	6.65	13/6/22	5.75						5.79	5.30	4.90	6.93
8/6/22	4.74	3.01					5.44	2.73	4.44	5.21	10/6/22	10.36	7.37					8.61	5.45	7.28	7.20	13/6/22	4.94						5.69	4.25	4.59	6.95
8/6/22	4.80	3.82					5.23	2.78	4.23	5.33	10/6/22	10.50	9.43					8.37	4.95	6.72	6.90	13/6/22	4.65						5.53	3.85	4.73	6.90
8/6/22	5.03	4.34					5.10	3.14	4.04	5.35	10/6/22	11.26	9.85					8.26	5.30	6.27	6.99	13/6/22	4.57						5.41	3.69	5.20	6.90
8/6/22	6.05	5.62					5.03	3.37	4.40	5.01	10/6/22	12.44	9.48					8.70	4.72	6.09	6.87	13/6/22	4.85						5.29	3.44	5.56	6.53
8/6/22	6.36	5.58					4.76	3.78	4.76	5.16	10/6/22	12.98	8.49					8.68	4.78	5.79	6.66	13/6/22	4.25						4.99	3.18	5.78	6.36
8/6/22	6.05	5.89					4.93	4.10	5.41	5.21	10/6/22	12.84	9.20					9.14	5.13	5.61	6.78	13/6/22	4.69						4.77	3.21	6.02	5.77
8/6/22	8.08	6.01					5.31	4.05	5.97	5.24	10/6/22	12.48	9.06					9.26	5.85	5.60	6.94	13/6/22	3.86						4.25	2.89	5.83	5.38
8/6/22	8.41	5.90					6.02	4.99	6.57	5.66	10/6/22	11.83	9.08					8.51	6.26	5.73	7.10	13/6/22	3.44	3.85					4.82	2.75	5.43	4.89
8/6/22	9.26	5.83					6.48	5.73	7.05	6.47	10/6/22	11.50	8.07					7.87	6.72	5.87	7.08	13/6/22	3.28	4.24					4.90	2.79	5.11	5.03
8/6/22	11.79	5.68					6.65	6.63	7.35		10/6/22	12.78	10.83					8.88	7.16	5.97	6.97	13/6/22	3.14	3.71					4.86	2.36	4.99	4.78
8/6/22	11.62	5.44					7.13	7.87	7.71		10/6/22	13.04	10.93					9.68	7.38	6.19	6.90	13/6/22	4.17	3.34					4.80	2.29	5.23	4.95
8/6/22	13.29	6.09					7.08	7.48	8.56		10/6/22	12.44	9.82					8.93	7.02	5.89	8.03	13/6/22	5.05	4.08					4.77	2.84	5.36	5.06
8/6/22	13.16	6.08					7.18	5.99	8.48		10/6/22	12.81	10.15					8.62	6.70	5.94	8.24	13/6/22	5.16	4.90					5.00	3.14	5.46	5.19
8/6/22	10.64	5.83					7.48	5.76	8.05		10/6/22	12.27	10.52					8.41	5.10	5.46	8.04	13/6/22	5.06	5.50					5.19	3.13	4.83	5.56
8/6/22	10.54	6.21					9.32	5.02	6.28		10/6/22	11.70	11.43					8.24	4.94	5.08	7.56	13/6/22	5.44	6.09					5.51	3.40	4.98	5.85
8/6/22	12.84	8.53					8.57	4.67	5.91		10/6/22	9.96	10.40					8.32	5.54	4.69	7.27	13/6/22	5.09	6.25					5.83	3.66	5.12	6.02
8/6/22	14.40	7.96					8.92	4.44	5.36		11/6/22	6.43	9.62					8.33	5.41	4.59	7.25	13/6/22	5.25	6.33					6.00	3.56	5.00	6.07
8/6/22	15.79	9.46					9.40	4.25	5.10		11/6/22	4.41	7.90					8.31	4.93	5.16	7.20	13/6/22	5.64	5.45					6.15	3.61	4.96	6.07
8/6/22	16.63	7.74					9.26	4.02	4.94		11/6/22	3.50	5.73					8.09	4.70	5.58	6.94	13/6/22	6.51	5.09					6.36	3.35	4.91	6.03
8/6/22	16.50	7.16					8.23	4.45	5.01		11/6/22	3.51	5.06					7.92	4.00	6.14	6.65	13/6/22	6.34	4.92					6.60	3.81	5.02	6.07
8/6/22	15.35	6.70					7.88	5.05	5.19		11/6/22	3.50	6.52					7.67	3.75	6.23	6.61	13/6/22	6.80	5.64					7.09	4.22	5.17	6.05
8/6/22	15.06	6.71					7.98	5.71	5.42		11/6/22	3.71	5.89					7.12	3.32	6.23	6.59	13/6/22	7.73	6.11					7.08	4.24	5.30	6.14
8/6/22	14.74	7.10					7.56	6.93	5.56		11/6/22	3.47	6.40					7.17	2.96	5.70	6.32	13/6/22	8.23	6.74					7.43	4.31	6.28	7.50
8/6/22	14.27	5.95					7.54	6.98	5.78		11/6/22	3.24	5.82					7.39	2.60	5.32	6.45	13/6/22	9.44	7.05					7.23	5.42	6.18	7.37
8/6/22	13.82	5.18					7.48	7.02	6.17		11/6/22	3.34	5.75					7.42	2.98	5.14	6.86	13/6/22	9.25	7.49					7.23	6.15	6.84	7.62
8/6/22	14.06	4.31					7.39	7.13	6.54		11/6/22	3.16	5.55					7.21	2.89	5.02	6.90	13/6/22	9.01	6.40					7.25	6.31	7.09	7.43
8/6/22	14.28	4.37					7.49	6.54	6.63		11/6/22	4.13	5.55					6.94	2.22	4.79	6.51	13/6/22	10.23	5.81					7.38	7.28	7.69	7.35
8/6/22	14.43	3.24					7.64	5.62	6.67		11/6/22	5.76	6.01					6.68	3.13	5.48	6.35	13/6/22	11.39	5.39					7.50	7.13	7.33	7.43
8/6/22	13.99	2.65					8.56	5.16	6.53		11/6/22	5.52	5.63					6.40	3.21	6.12	6.44	13/6/22	13.26	5.57					7.25	7.11	8.00	7.74
8/6/22	12.81						8.46	4.95	6.14		11/6/22	5.01	5.58					5.98	3.99	5.65	6.41	13/6/22	13.67	5.74					7.08	7.26	8.35	7.55
8/6/22	11.92						8.05	5.53	5.59		11/6/22	5.39	6.13					6.03	3.87	5.57	6.35	13/6/22	13.96	5.59					7.54	7.31	8.62	7.34
8/6/22	11.17	2.62					7.69	5.19	5.15		11/6/22	6.19	6.67					6.09	3.83	5.65	6.45	13/6/22	12.10	5.77					8.24	6.70	8.63	7.37
8/6/22	10.17	3.10					7.63	4.64	5.28		11/6/22	6.97	7.31					6.30	3.96	5.52	6.58	13/6/22	10.14	5.92					9.13	6.38	8.54	7.67
8/6/22	9.31	5.46					7.08	4.81	5.09		11/6/22	6.74	7.84					6.53	4.09	5.30	6.58	13/6/22	10.67	5.65					9.33	6.27	7.46	7.69
8/6/22	9.17	3.82					6.80	4.21	4.78		11/6/22	5.20	7.73					6.67	3.74	5.24	6.55	13/6/22	12.22	5.48					9.39	6.11	6.96	7.60
9/6/22	8.54	5.05					6.51	4.14	4.69		11/6/22	6.43	7.65					6.89	3.38	5.15	6.56	13/6/22	12.73	4.60					9.03	5.78	6.58	7.87
9/6/22	9.55	3.90					6.52	4.43	4.61		11/6/22	6.45	7.52					6.84	3.54	5.29	6.92	13/6/22	13.23	4.14					8.58	5.37	6.22	7.56
9/6/22	8.47	2.91					6.04	3.83	4.68		11/6/22	6.61	7.65					6.87	4.41	5.99	7.38	13/6/22	12.67						8.15	5.49	6.05	7.15
9/6/22	5.68	2.60					5.64	3.77	4.74		11/6/22	6.04	7.68					6.55	5.23	5.93	7.41	13/6/22	12.39						7.86	5.09	6.18	6.97
9/6/22	5.43	2.46					6.15	3.93	5.04		11/6/22	5.88	7.54					7.09	5.69	7.34	7.52	13/6/22	11.81						7.63	6.20	6.30	6.82
9/6/22	4.85						6.54	3.48	5.07		11/6/22	6.38	7.25					7.43	5.98	8.56	7.65	13/6/22	10.84			</						

data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2	
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l		ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l		ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l		ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	
15/6/22	7.41	5.16						6.68	2.98	5.98	5.37	17/6/22	14.12	9.22							10.69	6.64	6.79	8.62	20/6/22	3.94	6.18						4.12	4.00	5.01	5.83
15/6/22	6.96	5.16						7.30	3.14	6.34	5.28	17/6/22	14.43	10.95							10.68	8.38	6.83	8.52	20/6/22	5.11	5.68						4.30	3.43	4.88	5.73
15/6/22	9.02	5.36						7.99	3.57	6.42	5.76	17/6/22	14.12	11.20							10.39	8.12	6.81	8.03	20/6/22	5.78	5.78						4.59	3.10	4.85	5.61
15/6/22	8.81	6.37						8.86	3.34	6.32	5.60	17/6/22	13.13	12.28							9.57	7.38	6.55	7.31	20/6/22	4.87	6.79						4.66	3.11	4.78	5.28
15/6/22	8.33	6.28						8.68	3.59	5.23	5.79	17/6/22	12.17	12.35							9.10	7.13	6.06	6.93	20/6/22	4.69	6.88						4.67	3.88	4.19	5.38
15/6/22	9.49	8.26						8.84	3.70	5.16	6.07	17/6/22	10.34	11.59							8.65	6.72	5.82	6.70	20/6/22	4.17	6.55						4.69	3.47	4.45	5.27
15/6/22	10.28	10.20						8.31	4.09	5.16	6.35	17/6/22	9.01	10.95							8.33	6.64	5.75	6.79	20/6/22	3.91	6.22						4.24	3.38	2.66	5.31
15/6/22	10.40	10.53						8.24	4.10	5.07	6.51	17/6/22	8.93	10.26							7.92	6.14	5.48	6.90	20/6/22	3.36	6.37						3.89	2.57	2.44	5.27
15/6/22	11.38	10.34						8.47	4.01	5.01	6.59	17/6/22	9.15	10.34							7.82	6.40	5.29	6.55	20/6/22	3.68	5.35						4.08	2.48	2.84	5.02
15/6/22	11.47	10.62						8.81	4.34	5.10	6.62	17/6/22	8.38	10.33							7.42	5.75	5.34	6.80	20/6/22	3.77	5.97						4.53	2.39	2.90	4.92
15/6/22	11.86	12.47						8.79	5.35	5.15	6.66	17/6/22	7.82	10.13							7.06	5.98	5.69	6.91	20/6/22	3.71	6.32						4.52	2.77	3.14	5.23
15/6/22	12.43	11.54						9.66	6.78	5.34	6.60	17/6/22	7.19	8.83							6.39	5.78	5.94	6.79	20/6/22	4.28	6.25						4.43	3.56	3.59	5.74
15/6/22	12.81	7.96						10.36	7.39	5.82	6.53	17/6/22	5.98	7.91							6.13	5.64	6.25	6.97	20/6/22	4.01	5.82						4.54	3.98	3.60	6.14
15/6/22	13.33	6.81						10.48	7.57	6.11	6.97	17/6/22	5.67	7.38							6.08	5.43	6.38	6.93	20/6/22	5.50	5.85						4.89	5.00	4.20	7.01
15/6/22	13.13	8.51						10.34	7.55	6.84	8.32	18/6/22	6.46	7.02							6.09	4.61	6.40	6.83	20/6/22	6.58	5.83						5.11	5.18	4.58	7.70
15/6/22	11.56	9.59						9.77	7.67	6.97	8.68	18/6/22	7.01	6.75							5.97	4.36	6.31	6.68	20/6/22	7.28	6.02						5.57	5.04	4.97	6.92
15/6/22	11.84	12.00						9.69	7.58	7.62	8.76	18/6/22	7.33	6.69							6.06	3.80	6.36	6.59	20/6/22	7.20	6.32						5.85	5.47	5.71	6.46
15/6/22	13.23	11.92						9.43	7.31	7.49	8.32	18/6/22	7.25	6.65							5.90	3.68	6.25	6.15	20/6/22	7.38	6.73						6.13	5.57	6.14	6.18
15/6/22	12.79	11.78						9.29	7.82	7.24	7.91	18/6/22	7.38	6.71							6.19	3.39	5.84	6.15	20/6/22	8.37	7.29						7.67	5.91	5.78	6.34
15/6/22	14.49	11.08						8.71	7.60	6.90	7.71	18/6/22	6.92	6.22							5.99	3.69	5.51	6.31	20/6/22	9.20	8.58						8.62	4.41	4.87	6.19
15/6/22	14.63	10.44						8.50	7.31	6.66	7.51	18/6/22	7.92	6.13							6.13	4.63	4.90	6.25	20/6/22	9.64	9.68						8.65	3.70	4.49	5.73
15/6/22	13.23	9.73						8.44	6.28	6.54	7.73	18/6/22	6.47	6.35							6.26	4.39	4.83	6.26	20/6/22	10.98	10.51						9.22	4.22	4.19	5.73
15/6/22	11.14	9.60						8.42	5.65	6.85	7.45	18/6/22	5.00	5.83							6.66	4.04	4.21	6.22	20/6/22	12.12	11.25						9.28	3.92	3.92	5.87
15/6/22	10.12	9.47						7.98	5.78	6.95	7.34	18/6/22	4.13	6.12							6.67	3.78	3.58	5.82	20/6/22	13.21	11.83						9.22	4.14	3.89	6.16
15/6/22	9.24	9.59						8.16	5.89	6.44	7.32	18/6/22	3.45	6.98							6.06	3.28	3.42	5.58	20/6/22	14.84	12.55						9.23	4.54	3.93	6.41
15/6/22	10.11	9.12						8.21	6.13	6.78	7.55	18/6/22	3.25	7.49							5.52	2.79	3.46	5.90	20/6/22	15.42	12.93						8.77	6.02	4.03	6.61
15/6/22	10.59	9.00						7.48	5.69	6.84	7.76	18/6/22	3.71	7.70							4.84	2.83	3.76	5.80	20/6/22	14.65	13.07						8.58	8.48	4.34	6.82
15/6/22	10.54	8.72						7.34	5.24	6.81	7.40	18/6/22	4.02	7.82							4.83	3.46	3.93	5.80	20/6/22	14.15	13.76						8.33	8.52	4.76	7.01
15/6/22	10.59	8.33						7.51	4.49	6.75	7.17	18/6/22	5.72	7.10							5.01	3.82	4.14	5.71	20/6/22	13.66	13.45						7.99	8.82	4.89	7.05
15/6/22	10.68	7.86						7.57	4.83	6.78	6.98	18/6/22	4.97	6.62							5.79	2.79	4.45	6.18	20/6/22	13.35	9.98						7.87	7.83	5.25	7.15
15/6/22	10.68	7.96						7.44	5.16	6.87	6.82	18/6/22	6.34	6.36							5.92	2.79	4.87	7.17	20/6/22	12.99	7.65						7.85	8.31	5.41	7.08
15/6/22	10.58	8.20						7.00	5.38	6.80	6.68	18/6/22	8.18	6.68							6.30	2.82	5.14	7.58	20/6/22	12.45	8.27						7.84	8.06	5.40	7.15
15/6/22	10.79	8.23						6.49	5.25	6.78	6.49	18/6/22	7.92	6.15							7.11	3.09	5.73	7.62	20/6/22	11.83	8.52						7.39	7.88	5.67	7.13
16/6/22	11.18	7.66						7.01	5.17	6.81	6.24	18/6/22	8.49	6.26							7.70	3.49	6.12	6.52	20/6/22	11.32	9.18						7.09	6.99	5.66	6.89
16/6/22	11.16	7.44						7.49	4.94	6.59	6.56	18/6/22	9.11	6.46							9.23	4.47	6.10	5.96	20/6/22	11.05	10.24						7.03	6.32	5.73	7.32
16/6/22	12.30	6.29						7.24	5.06	6.56	6.34	18/6/22	9.24	8.05							9.76	4.45	6.08	6.05	20/6/22	10.75	11.52						7.59	7.31	5.54	6.85
16/6/22	10.63	7.02						7.01	4.23	6.10	6.45	18/6/22	9.32	10.49							10.28	3.88	5.93	5.77	20/6/22	10.29	11.01						8.76	6.24	5.26	6.96
16/6/22	9.02	7.17						7.62	4.09	5.61	6.33	18/6/22	10.13	11.96							10.20	3.65	4.81	5.89	20/6/22	10.30	10.08						8.12	6.04	4.67	6.46
16/6/22	7.47	7.38						8.19	3.94	5.29	6.22	18/6/22	13.27	11.74							9.83	3.60	4.44	6.07	20/6/22	9.56	9.36						7.44	6.03	4.56	6.46
16/6/22	6.12	7.70						7.63	3.81	4.77	6.59	18/6/22	13.61	13.11							9.13	3.87	4.14	6.11	20/6/22	8.88	8.82						6.87	5.32	4.53	6.52
16/6/22	5.05	7.57						7.12	3.75	4.65	6.27	18/6/22	14.10	13.32							8.86	3.74	3.96	6.36	20/6/22	8.45	8.22						6.67	4.90	4.21	6.31
16/6/22	4.84	7.42						6.84	3.15	4.27	6.14	18/6/22	15.33	12.52							8.78	3.64	4.12	6.67	20/6/22	7.99	7.93						6.28	4.06	4.13	5.92
16/6/22	4.68	7.16						6.50	2.96	4.30	6.10	18/6/22	15.98	11.79							9.24	3.63	4.15	6.93	20/6/22	7.42	7.37						5.88	4.16	3.99	5.63
16/6/22	6.47	6.85						6.51	2.50	4.58	6.21																									

data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l		ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l			
22/6/22	5.06	6.36						6.69	4.55	5.18	5.51	24/6/22	5.05	8.59										27/6/22	4.92	4.63							5.41	3.51	5.36
22/6/22	5.75	6.57						7.04	4.13	4.85	5.57	24/6/22	4.64	8.65										27/6/22	5.45	4.34							5.44	3.49	5.36
22/6/22	6.40	6.78						7.52	4.01	4.36	5.31	24/6/22	4.71	8.54										27/6/22	5.11	4.58							5.71	3.54	5.26
22/6/22	5.76	6.90						8.05	3.99	4.01	5.07	24/6/22	5.06	8.16										27/6/22	5.92	4.94							5.94	3.47	5.25
22/6/22	7.52	7.35						8.09	3.93	3.86	4.90	24/6/22	4.73	7.59										27/6/22	5.96	5.12							6.36	3.44	5.28
22/6/22	7.41	8.48						8.53	3.64	3.86	4.98	25/6/22	4.58	6.83										27/6/22	6.29	5.65							6.91	3.25	5.35
22/6/22	6.86	8.62						8.52	3.94	3.59	5.16	25/6/22	4.25	6.61										27/6/22	6.76	6.79							7.11	3.28	5.36
22/6/22	7.33	9.19						8.75	3.85	3.75	5.16	25/6/22	3.49	6.27										27/6/22	7.07	7.26							7.35	4.28	5.34
22/6/22	8.48	9.31						9.03	4.14	4.02	5.26	25/6/22	3.55	5.89										27/6/22	7.62	7.67							7.72	5.49	5.31
22/6/22	9.57	9.83						9.11	5.92	4.08	5.44	25/6/22	3.62	5.66										27/6/22	7.90	7.41							7.98	5.94	5.25
22/6/22	9.51	9.80						9.14	5.87	4.13	5.60	25/6/22	3.10	5.27										27/6/22	8.40	7.38							8.25	5.82	5.20
22/6/22	9.72	9.27						8.49	6.75	4.37	5.70	25/6/22	3.05	4.84										27/6/22	8.75	7.65							8.15	5.96	6.32
22/6/22	9.59	6.80						8.84	6.87	4.34	5.83	25/6/22	2.91	4.46										27/6/22	9.86	7.55							7.68	5.14	6.77
22/6/22	9.44	5.26						8.55	6.70	4.49	5.89	25/6/22	2.62	4.60										27/6/22	10.65	7.65							7.51	4.78	6.95
22/6/22	9.07	5.19						8.73	6.33	4.84	5.85	25/6/22	2.04	4.10										27/6/22	10.86	7.47							7.74	6.60	7.34
22/6/22	9.07	5.72						8.44	5.55	4.85	5.47	25/6/22	1.64	4.07										27/6/22	10.43	8.09							7.63	6.59	7.39
22/6/22	8.76	6.49						9.51	5.35	5.00	5.47	25/6/22	1.44	4.40										27/6/22	9.73	8.06							8.79	7.04	7.40
22/6/22	8.21	7.22						10.08	4.92	5.03	5.55	25/6/22	1.90	4.55										27/6/22	9.57	7.79							8.23	7.64	7.20
22/6/22	6.93	7.40						9.50	4.67	4.97	5.66	25/6/22	1.88	3.79										27/6/22	9.81	7.49							9.00	7.63	
22/6/22	9.37	5.60						9.37	4.50	4.74	5.46	25/6/22	3.38	4.42										27/6/22	11.91	6.84							10.02	7.72	
22/6/22	5.60	7.39						9.41	4.31	4.14	5.30	25/6/22	3.17	4.92										27/6/22	12.51	6.85							9.78	7.52	
22/6/22	5.31	7.52						8.45	4.90	3.72	5.25	25/6/22	4.28	4.98										27/6/22	12.64	6.95							10.23	7.15	
22/6/22	5.01	7.66						7.22	5.02	3.57	5.66	25/6/22	4.84	4.89										27/6/22	11.77	7.60							11.04	6.53	
22/6/22	4.89	7.63						6.80	4.65	3.39	5.74	25/6/22	4.80	4.59										27/6/22	12.49	7.88							11.17	6.10	
22/6/22	4.55	7.72						6.52	4.67	3.23	5.67	25/6/22	5.35	4.63										27/6/22	11.81	7.70							11.24	5.38	
23/6/22	4.91	8.00						6.42	4.45	3.11	5.87	25/6/22	5.82	5.31										27/6/22	12.19	9.43							11.21	5.57	
23/6/22	4.66	7.51						6.40	4.17	3.08	6.04	25/6/22	5.42	5.63										27/6/22	12.63	9.38							11.14	6.04	
23/6/22	4.42	7.39						6.48	4.14	3.38	5.78	25/6/22	6.23	5.84										27/6/22	12.12	9.57							11.02	6.79	
23/6/22	3.95	6.86						5.82	3.64	3.63	5.47	25/6/22	6.44	5.51										27/6/22	9.29	9.90							10.67	6.65	
23/6/22	4.04	6.51						5.49	3.26	3.69	5.33	25/6/22	5.86	5.53										27/6/22	11.03	10.33							10.27	6.67	
23/6/22	3.94	5.92						5.23	2.45	3.60	5.06	25/6/22	8.25	5.88										27/6/22	11.45	9.67							7.91	6.41	
23/6/22	3.71	5.72						5.56	2.23	3.13	4.83	25/6/22	9.13	6.05										27/6/22	11.15	9.51							8.86	6.21	
23/6/22	2.86	5.72						5.69	2.25	3.05	5.11	25/6/22	9.05	6.22										27/6/22	9.11	10.07							9.98	5.22	
23/6/22	2.49	6.07						5.42	2.10	3.01	5.17	25/6/22	10.07	6.12										27/6/22	7.92	10.46							9.62	5.15	
23/6/22	2.25	5.92						5.28	2.61	3.21	5.07	25/6/22	12.19	6.12										28/6/22	6.74	10.30							9.18	5.82	
23/6/22	3.01	5.69						5.03	2.51	3.24	5.04	25/6/22	11.33	6.46										28/6/22	4.73	9.25							7.79	5.80	
23/6/22	3.93	5.42						5.41	2.56	3.23	4.93	25/6/22	11.45	6.85										28/6/22	4.05	8.98							6.96	5.43	
23/6/22	3.78	5.43						5.62	2.70	3.20	4.78	25/6/22	12.44	7.57										28/6/22	3.72	7.49							6.56	5.16	
23/6/22	3.54	5.37						5.68	2.69	3.22	4.72	25/6/22	12.51	8.74										28/6/22	3.75	6.59							6.70	4.82	
23/6/22	4.09	5.29						5.47	2.72	3.36	4.72	25/6/22	13.21	8.65										28/6/22	3.75	6.34							6.90	4.63	
23/6/22	4.70	5.62						5.62	2.79	3.49	4.72	25/6/22	13.03	9.25										28/6/22	3.85	5.78							7.11	4.27	
23/6/22	5.22	5.93						6.11	3.00	3.50	4.66	25/6/22	12.70	9.66										28/6/22	4.59	5.34							7.32	3.46	
23/6/22	5.38	6.04						6.33	3.10	3.58	4.52	25/6/22	12.01	10.37										28/6/22	4.28	4.89							7.38	3.15	
23/6/22	5.94	6.37						6.41	3.48	3.73	5.36	25/6/22	10.48	10.92										28/6/22	3.77	4.49							6.18	2.77	
23/6/22	5.47	6.63						6.62	3.56	4.26	5.58	25/6/22	8.78	11.10										28/6/22	3.98	4.34							6.58	3.08	
23/6/22	5.23	6.69						6.92	4.43	5.27	5.87	25/6/22	7.47	10.68										28/6/22	3.75	3.99							6.73	2.94	
23/6/22	5.18	6.68						6.83	4.38	5.87	5.72	25/6/22	6.89	9.84										28/6/22	3.50	3.53							5.54	3.29	
23/6/22	5.40	7.14						7.16	4.56	6.02	6.00	25/6/22	6.76	9.51										28/6/22	4.36	3.59							4.87	3.00	
23/6/22	5.96	7.38						7.74	4.93	6.07	7.39	25/6/22	6.79	9.79										28/6/22	4.66	4.47							4.83	3.21	
23/6/22	6.21	7.63						8.04	5.59	6.05	8.42	25/6/22	6.56	9.80																					

data	PNC1				ENC1			ENC2	ENC4	PC1	EC	PC2	data	PNC1				ENC1			ENC2	ENC4	PC1	EC	PC2	data	PNC1				ENC1			ENC2	ENC4	PC1	EC	PC2
	ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9	ve1	ve2		ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9	ve1	ve2	ve5	ve10		ve3	ve4	ve6	ve7	ve8	ve9						
29/6/22	5.91	6.42					7.92	6.49					2/7/22	3.57	6.88											4/7/22	7.81	12.07							9.14	2.84		
29/6/22	6.36	6.61					8.41	6.42					2/7/22	2.93	6.36											4/7/22	8.10	10.71							9.46	3.63		
29/6/22	6.36	6.50					7.69	6.98					2/7/22	2.68	6.26											4/7/22	9.43	11.48							9.62	3.46		
29/6/22	6.50	6.09					8.10	6.75					2/7/22	2.35	6.41											4/7/22	9.23	11.96							9.52	3.34		
29/6/22	7.64	6.06					8.15	6.07					2/7/22	2.13	6.18											4/7/22	9.81	12.90							9.55	3.52		
29/6/22	7.60	6.07					8.41	6.26					2/7/22	2.46	5.76											4/7/22	10.60	13.72							9.10	4.41		
29/6/22	8.35	5.89					8.79	6.25					2/7/22	2.89	5.53											4/7/22	10.33	15.21							8.38	6.12		
29/6/22	8.28	5.76					9.22	5.60					2/7/22	3.36	5.15											4/7/22	11.36	13.63							7.68	5.82		
29/6/22	8.34	5.89					8.71	5.26					2/7/22	3.79	4.82											4/7/22	12.98	11.38							8.57	4.86		
29/6/22	8.41	6.34					7.87	4.62					2/7/22	4.19	4.73											4/7/22	15.78	8.77							10.10	4.48		
29/6/22	8.49	6.56					7.45	4.71					2/7/22	4.84	4.92											4/7/22	15.84	11.47							10.60	4.15		
29/6/22	6.91	6.83					7.19	5.55					2/7/22	4.62	4.81											4/7/22	15.67	12.09							10.81	4.39		
29/6/22	6.29	6.92					6.71	5.35					2/7/22	5.86	4.80											4/7/22	13.37	12.48							10.75	5.34		
29/6/22	7.61	6.61					6.03	5.37					2/7/22	6.17	4.64											4/7/22	11.49	13.01							11.24	6.31		
29/6/22	7.68	5.80					7.55	5.01					2/7/22	6.70	4.69											4/7/22	9.69	14.63							11.05	7.23		
30/6/22	6.49	5.19					8.76	4.98					2/7/22	8.07	4.94											4/7/22	7.99	13.07							10.53	6.90		
30/6/22	5.76	5.00					8.62	4.15					2/7/22	9.01	5.82											4/7/22	7.09	11.66							9.34	7.61		
30/6/22	4.99	5.51					8.01	4.18					2/7/22	8.48	6.30											4/7/22	7.70	9.92							8.73	7.70		
30/6/22	4.38	5.55					7.32	3.98					2/7/22	9.44	6.90											4/7/22	6.27	9.81							7.65	7.26		
30/6/22	3.74						7.47	3.82					2/7/22	10.69	7.98											4/7/22	5.74	8.56							7.58	5.85		
30/6/22	3.38	5.79					7.06	3.49					2/7/22	10.71	9.54											4/7/22	4.57	6.90							7.30	5.58		
30/6/22	3.40	5.76					6.82	3.61					2/7/22	10.97	9.90											4/7/22	4.42	7.56							6.82	4.73		
30/6/22	3.64	5.75					6.35	3.23					2/7/22	11.66	10.36											4/7/22	3.91	6.85							6.54	5.17		
30/6/22	3.63	5.16					5.95	3.01					2/7/22	11.94	12.84											4/7/22	3.75	5.81							5.42	5.71		
30/6/22	3.55	4.99					5.75	2.51					2/7/22	12.72	11.91											4/7/22	3.20	5.98							5.63	5.44		
30/6/22	3.29	4.81					4.75	2.25					2/7/22	13.43	10.97											5/7/22	3.97	6.35							5.75	4.68		
30/6/22	2.89	4.52					5.06	2.55					2/7/22	13.28	9.79											5/7/22	3.38	5.97							5.78	4.25		
30/6/22	2.82	4.63					5.59	2.92					2/7/22	12.91	9.58											5/7/22	2.69	5.73							5.18	3.97		
30/6/22	3.35	4.39					5.64	3.11					2/7/22	12.88	10.90											5/7/22	2.07	5.56							4.48	3.81		
30/6/22	4.84	4.49					5.47	2.67					2/7/22	13.00	12.43											5/7/22	4.07	5.28							6.07	3.77		
30/6/22	5.20	4.86					5.57	3.12					2/7/22	13.43	12.15											5/7/22	4.04	5.25							5.63	3.28		
30/6/22	5.65	5.25					5.84	3.71					2/7/22	13.31	12.38											5/7/22	3.67	5.29							4.92	3.16		
30/6/22	6.34	5.50					6.34	3.21					2/7/22	12.14	11.61											5/7/22	3.76	5.42							5.15	2.87		
30/6/22	6.30	6.65					6.88	3.50					2/7/22	10.54	11.12											5/7/22	3.20	5.67							4.55	3.25		
30/6/22	7.43	6.72					7.30	3.26					2/7/22	12.39	10.39											5/7/22	3.18	5.61							4.49	2.88		
30/6/22	7.04	7.14					7.72	3.67					2/7/22	12.57	9.31											5/7/22	3.02	5.66							4.81	2.76		
30/6/22	7.21	8.04					8.16	3.32					2/7/22	12.93	8.57											5/7/22	2.75	5.79							4.78	2.47		
30/6/22	7.02	8.24					8.26	2.99					2/7/22	13.59	8.40											5/7/22	2.97	5.81							4.94	2.24		
30/6/22	7.68	9.14					8.37	4.69					2/7/22	12.73	9.34											5/7/22	2.84	5.80							4.88	2.66		
30/6/22	8.03	9.46					7.99	6.75					2/7/22	13.76	8.87											5/7/22	3.28	5.86							4.27	2.96		
30/6/22	8.96	8.80					7.14	6.52					2/7/22	12.35	7.97											5/7/22	3.48	5.93							3.57	3.10		
30/6/22	9.25	7.45					8.34	6.44					2/7/22	12.44	7.79											5/7/22	4.93	5.88							4.08	4.24		
30/6/22	10.13	6.56					8.94	6.65					2/7/22	12.67	7.95											5/7/22	4.95	5.66							4.51	4.08		
30/6/22	11.60	7.20					9.10	6.23					2/7/22	9.73	7.96											5/7/22	4.31	5.49							4.36	3.68		
30/6/22	11.68	8.34					9.55	7.00					3/7/22	12.14	7.73											5/7/22	5.91	5.49							4.52	3.30		
30/6/22	12.19	9.39					9.30	6.62					3/7/22	11.79	7.58											5/7/22	7.50	6.28							4.60	3.81		
30/6/22	12.51	10.01					9.33	7.84					3/7/22	11.34	7.69											5/7/22	7.43	6.55							4.45	4.89		
30/6/22	12.43	10.39					9.19	7.49					3/7/22	9.09	8.32											5/7/22	6.01	6.30							4.72	4.14		
30/6/22	14.41	10.18					8.87	7.34					3/7/22	6.20	8.65											5/7/22	7.07	6.40							4.82	3.88		
30/6/22	13.50	9.52					9.08	7.10					3/7/22	4.58	8.32											5/7/22	7.95	7.89							5.79	3.70		
30/6/22	13.00</																																					

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l
6/7/22	8.42	9.97					8.93	8.23			9/7/22	2.57	5.40					4.60	3.87			11/7/22	9.32	7.64					6.62	7.77		
6/7/22	7.65	9.64					8.13	7.50			9/7/22	2.64	5.73					4.84	4.08			11/7/22	8.67	7.30					6.96	8.74		
6/7/22	7.07	9.45					7.67	6.87			9/7/22	2.98	5.79					4.85	4.36			11/7/22	8.14	6.84					7.22	9.04		
6/7/22	7.25	8.92					7.40	6.22			9/7/22	3.32	5.26					5.06	4.18			11/7/22	7.79	6.23					7.56	8.43		
6/7/22	6.11	8.91					6.78	5.75			9/7/22	3.93	5.68					5.03	3.95			11/7/22	7.87	6.71					7.83	7.75		
6/7/22	6.60	8.28					6.29	4.70			9/7/22	4.03	5.81					5.15	4.37			11/7/22	6.90	7.38					7.97	7.38		
7/7/22	6.79	8.29					5.67	4.56			9/7/22	4.98	5.78					5.38	5.27			11/7/22	6.01	7.30					7.83	6.54		
7/7/22	6.84	7.61					5.95	3.78			9/7/22	5.26	5.66					5.75	6.08			11/7/22	5.43	8.54					7.61	7.36		
7/7/22	5.81	8.17					5.53	3.69			9/7/22	7.03	6.21					5.95	6.74			11/7/22	4.74	9.05					7.29	7.75		
7/7/22	5.45	8.37					5.06	3.29			9/7/22	7.64	6.63					6.16	7.63			11/7/22	4.16	9.58					6.79	7.31		
7/7/22	5.11	7.65					4.90	3.76			9/7/22	7.99	6.46					6.46	8.30			11/7/22	3.74	10.41					6.71	6.75		
7/7/22	7.07	8.10					6.04	4.33			9/7/22	8.65	5.99					6.53	9.62			11/7/22	4.03	10.45					7.06	6.43		
7/7/22	4.36	7.86					6.42	4.46			9/7/22	8.93	6.00					6.91	9.96			11/7/22	4.50	9.58					7.35	6.08		
7/7/22	4.22	7.24					4.66	4.70			9/7/22	9.38	6.74					7.51	9.49			11/7/22	5.63	9.08					7.55	6.13		
7/7/22	3.96	6.75					3.99	4.37			9/7/22	9.75	7.17					7.42	8.85			11/7/22	7.13	8.78					7.20	5.75		
7/7/22	3.79	6.26					4.15	4.25			9/7/22	9.50	8.16					7.56	7.34			11/7/22	6.45	8.01					7.01	6.03		
7/7/22	3.71	6.03					4.56	4.44			9/7/22	9.89	8.41					8.13	7.04			12/7/22	6.32	7.37					6.80	5.43		
7/7/22	3.63	5.80					4.38	4.38			9/7/22	10.54	8.90					8.40	6.49			12/7/22	5.72	7.15					6.21	5.54		
7/7/22	3.77	5.85					4.76	4.23			9/7/22	10.56	9.98					8.51	6.21			12/7/22	5.41	7.00					5.70	5.05		
7/7/22	3.88	5.44					5.09	4.07			9/7/22	10.17	11.10					8.68	5.88			12/7/22	5.08	6.59					5.42	4.87		
7/7/22	3.92	5.37					5.11	3.87			9/7/22	10.95	12.54					9.47	6.16			12/7/22	4.73	6.23					5.25	4.44		
7/7/22	4.59	5.21					4.92	4.00			9/7/22	10.91	13.43					9.67	5.97			12/7/22	4.26	5.97					5.09	4.65		
7/7/22	4.50	5.25					5.04	3.96			9/7/22	11.73	13.97					9.83	6.22			12/7/22	3.72	5.81					4.73	4.89		
7/7/22	4.16	5.36					5.03	4.39			9/7/22	12.17	14.30					9.62	7.28			12/7/22	3.35	5.28					3.80	4.37		
7/7/22	4.37	5.37					5.17	4.74			9/7/22	12.10	14.26					9.76	7.96			12/7/22	2.14	5.11					3.38	4.54		
7/7/22	5.03	5.55					5.46	4.89			9/7/22	12.16	15.14					9.46	8.06			12/7/22	3.16	5.67					3.18	3.89		
7/7/22	5.78	5.62					5.64	6.04			9/7/22	12.89	15.03					9.59	7.55			12/7/22	2.65	6.95					3.61	3.89		
7/7/22	6.12	5.90					5.23	5.66			9/7/22	12.13	14.31					9.54	6.62			12/7/22	3.26	5.90					3.44	3.55		
7/7/22	6.93	5.83					5.58	5.18			9/7/22	11.11	13.73					8.82	6.17			12/7/22	3.56	4.87					3.28	2.90		
7/7/22	6.98	5.62					6.21	3.96			9/7/22	9.38	11.42					8.50	6.37			12/7/22	3.71	4.86					3.14	3.61		
7/7/22	7.69	5.84					6.91	4.33			9/7/22	8.63	11.90					7.99	7.11			12/7/22	4.19	4.56					3.14	3.99		
7/7/22	8.07	5.91					7.09	3.98			9/7/22	8.46	10.10					7.65	8.24			12/7/22	4.72	5.27					3.35	4.42		
7/7/22	8.37	7.48					7.56	4.76			9/7/22	7.93	9.65					7.88	7.59			12/7/22	5.18	4.86					3.64	5.08		
7/7/22	8.27	8.32					7.55	5.45			9/7/22	8.10	9.21					7.48	7.11			12/7/22	5.62	5.37					4.06	4.84		
7/7/22	9.14	8.72					7.74	5.26			9/7/22	7.75	8.73					6.91	6.25			12/7/22	6.24	5.74					4.49	4.85		
7/7/22	8.85	8.59					7.69	5.48			10/7/22	7.34	8.15					6.93	5.36			12/7/22	6.63	6.62					5.02	4.63		
7/7/22	8.71	8.51					7.58	6.61			10/7/22	6.81	7.83					6.75	4.44			12/7/22	6.69	6.58					5.46	4.24		
7/7/22	8.76	8.61					7.33	7.06			10/7/22	6.43	7.08					6.43	4.60			12/7/22	7.21	6.64					5.73	4.83		3.60
7/7/22	8.30	8.90					7.16	7.37			10/7/22	5.68	6.54					6.40	4.55			12/7/22	7.15	7.10					5.71	5.64		3.48
7/7/22	8.42	9.21					6.87	7.56			10/7/22	5.23	5.41					6.16	5.15			12/7/22	8.05	6.88					5.78	5.37		3.45
7/7/22	8.04	8.99					7.40	7.38			10/7/22	4.48	4.90					5.97	4.94			12/7/22	8.93	6.18					6.28	6.06		3.46
7/7/22	8.27	7.85					7.10	6.96			10/7/22	3.92	4.62					5.75	4.77			12/7/22	8.19	6.68					6.24	5.85		4.09
7/7/22	8.18	7.03					7.40	6.95			10/7/22	3.15	4.43					5.09	4.91			12/7/22	6.83	5.50					6.51	6.52		4.47
7/7/22	8.23	8.05					7.69	6.82			10/7/22	2.54	4.84					4.77	4.16			12/7/22	6.68	7.69					6.78	6.66		4.61
7/7/22	8.04	8.67					7.31	6.42			10/7/22	1.66	4.66					4.95	4.06			12/7/22	7.18	7.96					6.72	7.39		4.80
7/7/22	7.65	8.14					6.71	5.99			10/7/22	1.67	4.91					4.90	4.11			12/7/22	8.23	7.98					6.55	8.34		4.97
7/7/22	6.61	7.57					7.53	5.68			10/7/22	2.43	5.03					4.67	4.99			12/7/22	9.55	8.26					6.70	8.19		5.37
7/7/22	6.01	7.25					6.97	5.23			10/7/22	2.27	4.45					4.47	4.77			12/7/22	11.67	8.94					6.35	8.79		5.61
7/7/22	5.84	6.58					6.54	4.67			10/7/22	3.18	4.88					4.28	4.36			12/7/22	12.75	9.11					6.23	8.13		5.36
7/7/22	5.57	6.09					6.41	4.59			10/7/22	3.41	5.61					4.11	4.48			12/7/22	11.94	8.67					6.37	8.51		5.13
7/7/22	4.52	5.94					5.67	4.47			10/7/22	3.99	5.84					4.14	4.52			12/7/22	10.68	8.38					6.59	9.02		4.84
7/7/22	3.68	5.78					5.34	4.40			10/7/22	4.35	5.99					4.61	4.80			12/7/22	9.75	8.30					6.80	8.49		5.79
7/7/22	3.28	5.49					5.27	4.47			10/7/22	5.52	6.37					4.64	4.70			12/7/22	9.13	7.55					6.75	8.22</		

data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2	
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l		ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l				
14/7/22	5,67	6,68						5,36	4,34	4,51	3,44	16/7/22	7,57	7,81									3,21	18/7/22	11,94	9,65							7,78	8,52	5,91	
14/7/22	5,25	6,83						4,99	4,01	4,11	3,36	16/7/22	8,09	9,13									3,30	18/7/22	10,85	8,81							7,00	7,61	5,52	
14/7/22	4,80	6,27						4,86	3,78	4,08	3,43	16/7/22	8,36	9,90									3,46	18/7/22	10,92	8,52							6,49	7,59	5,26	
14/7/22	4,16	6,31						4,71	3,63	3,80	3,35	16/7/22	8,45	7,94									3,59	18/7/22	11,58	7,69							6,28	6,60	5,18	
14/7/22	3,43	6,09						4,57	3,32	4,01	3,47	16/7/22	9,13	10,62									3,67	18/7/22	12,54	6,72							6,44	5,95	4,79	
14/7/22	2,85	5,49						4,41	3,25	4,37	3,35	16/7/22	9,63	12,83									3,74	18/7/22	11,98	7,30							6,38	6,18	4,88	
14/7/22								4,19	2,89	4,16	3,04	16/7/22	9,78	9,75									3,76	18/7/22	10,87	6,63							6,29	5,76	5,19	
14/7/22								3,79	3,01	4,22	2,74	16/7/22	10,17	6,76									3,73	19/7/22	9,40	7,55							5,85	5,59	5,40	
14/7/22								3,42	3,14	4,03		16/7/22	10,71	7,27									3,46	19/7/22	7,69	7,27							4,93	5,39	5,90	
14/7/22								2,74	2,66	3,89		16/7/22	11,40	8,98									4,25	19/7/22	8,81	6,45							4,27	5,61	5,98	
14/7/22								3,01	2,61	4,05	2,83	16/7/22	11,80	11,11									4,56	19/7/22	9,80	6,07							4,39	5,13	5,95	
14/7/22								3,52	3,06	4,45		16/7/22	12,42	12,09									4,51	19/7/22	8,96	5,58							5,42	5,05	5,96	
14/7/22	3,33							3,66	2,80	4,53		16/7/22	12,26	12,95										19/7/22	5,26	5,77								6,38	4,53	5,61
14/7/22	3,57							3,80	3,41	4,91		16/7/22	13,79	12,32										19/7/22	4,56	6,13								6,39	5,20	5,32
14/7/22	3,57							3,91	3,73	4,62		16/7/22	12,26	11,04										19/7/22	4,35	6,55								6,41	4,66	4,80
14/7/22	5,24	5,88						4,02	3,26	4,47	2,59	16/7/22	12,57	10,71										19/7/22	4,10	6,82								6,42	4,65	4,47
14/7/22	6,29	7,29						4,31	3,56	4,18	2,72	16/7/22	12,41	9,86										19/7/22	3,74	7,05								5,38	4,28	3,51
14/7/22	6,28	8,10						4,48	3,51		2,89	16/7/22	11,87	9,39										19/7/22	3,11	6,85								4,80	3,85	3,03
14/7/22	6,41	7,47						5,07	4,09	4,20	3,17	16/7/22	11,22	8,79										19/7/22	2,83	6,61								4,11	3,60	3,17
14/7/22	6,41	6,84						5,30	3,74	4,22	3,29	16/7/22	10,44	8,86										19/7/22	2,44	6,10								3,97	3,29	3,65
14/7/22	6,33	6,31						5,64	3,64	4,20	3,31	16/7/22	9,83	9,43										19/7/22	2,74	5,98								3,73	3,38	4,15
14/7/22	5,94	8,66						5,98	3,57	4,18	3,31	16/7/22	8,78	9,48										19/7/22	2,60	5,82								3,66	3,90	4,79
14/7/22	7,02	9,91						5,94	6,27	4,28	3,27	16/7/22	8,33	9,17										19/7/22	3,13	5,83								4,61	4,91	5,37
14/7/22	7,52	6,43						5,56	5,86	4,87	3,14	16/7/22	7,49	8,69										19/7/22	3,74	6,05								5,16	4,65	6,08
14/7/22	9,16	5,53						5,55	5,96	5,43	3,08	16/7/22	6,74	9,12										19/7/22	4,55	5,78								5,15	4,29	6,84
14/7/22	9,99	5,73						6,10	6,27	5,67	3,84	16/7/22	6,00	8,93										19/7/22	4,63	5,52								5,24	4,48	6,91
14/7/22	10,65	6,20						6,66	6,72	6,01	4,18	17/7/22	6,07	7,70										19/7/22	5,19	6,58								5,49	5,38	7,05
14/7/22	10,64	6,24						6,70	7,29	6,16	4,11	17/7/22	6,78	6,86										19/7/22	6,08	6,85								5,52	6,12	6,69
14/7/22	10,74	6,83						6,18	7,37	7,10	4,26	17/7/22	7,35	6,57										19/7/22	6,81	7,19								5,32	6,14	7,05
14/7/22	10,89	9,36						6,05	7,00	7,20	4,49	17/7/22	7,82	5,86										19/7/22	7,23	8,56								5,65	4,93	5,38
14/7/22	11,20	9,15						5,77	7,89	6,90	4,83	17/7/22	8,09	6,07										19/7/22	8,02	11,32								6,65	4,64	5,19
14/7/22	11,20	9,26						5,90	7,48	6,79	4,99	17/7/22	7,82	6,39										19/7/22	8,20	11,21								6,95	4,24	4,74
14/7/22	10,96	8,54						5,99	7,42	6,97	4,79	17/7/22	5,32	6,96										19/7/22	9,07	11,24								7,19	4,65	4,49
14/7/22	10,15	7,48						5,97	6,70	7,01	4,45	17/7/22	5,22	7,69										19/7/22	9,46	11,88								6,74	4,60	4,39
14/7/22	9,24	7,11						6,02	6,36	6,85	4,09	17/7/22	3,91	7,30										19/7/22	9,57	11,77								6,20	4,41	4,63
14/7/22	7,53	7,08						5,97	6,77	6,51	4,42	17/7/22	3,38	7,00										19/7/22	9,06	10,74								6,37	5,94	4,70
14/7/22	6,31	7,29						5,90	6,37	6,82	5,00	17/7/22	3,18	5,79										19/7/22	9,52	14,68								6,11	7,45	5,36
14/7/22	5,52	7,46						5,98	5,81	6,82	4,86	17/7/22	2,83	6,12										19/7/22	9,21	16,70								6,08	7,46	5,53
14/7/22	5,12	7,07						5,97	6,10	6,63	4,58	17/7/22	2,82	5,90										19/7/22	9,49	11,73								6,68	8,69	6,24
14/7/22	4,75	6,92						6,36	6,08	6,48	4,34	17/7/22	2,92	5,95										19/7/22	9,29	9,11								6,87	7,73	6,60
14/7/22	4,42	7,04						6,53	6,21	6,26	4,12	17/7/22	3,35	5,73										19/7/22	10,36	7,10								7,49	7,41	6,80
14/7/22	4,03	6,46						5,66	5,39	6,28	3,95	17/7/22	3,80	5,63										19/7/22	11,22	11,69								7,55	7,49	6,83
14/7/22	3,03	6,04						5,70	5,19	6,20	3,79	17/7/22	4,18	5,49										19/7/22	11,84	12,67								7,92	7,44	6,87
14/7/22	2,28	6,32						4,88	4,84	6,09	3,66	17/7/22	5,23	5,63										19/7/22	12,32	14,03								8,18	7,03	7,17
14/7/22	3,33	7,13						5,25	4,86	5,97	3,57	17/7/22	5,62	5,63										19/7/22	12,27	14,25								7,88	7,17	7,07
15/7/22	3,84	6,84						5,70	4,68	5,87	3,40	17/7/22	6,19	5,64										19/7/22	12,29	13,23								8,31	7,52	6,90
15/7/22	4,51	5,94						5,67	4,60	5,75	3,14	17/7/22	6,05	5,89										19/7/22	11,80	12,72								8,26	7,72	6,54
15/7/22	5,61	5,28						5,89	3,98	5,57	3,49	17/7/22	6,78	5,64										19/7/22	11,11	12,14								8,11	7,65	6,01
15/7/22	6,46	4,90						5,68	4,34	5,05	3,42	17/7/22	7,61																							

data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2	
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	ve1 mg/l		ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	ve1 mg/l	ve2 mg/l		ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l				
21/7/22	2,96	5,44					3,21	4,94	4,54			23/7/22	7,91	10,03										26/7/22	4,17	7,14								5,14	3,02	3,28
21/7/22	3,42	5,83					3,71	4,89	4,36			23/7/22	7,13	10,23										26/7/22	3,83	7,15								4,78	2,95	3,76
21/7/22	3,77	6,42					3,75	4,97	3,68			23/7/22	5,83	10,23										26/7/22	3,59	6,91								4,52	2,89	4,67
21/7/22	4,04	6,38					3,94	4,38	3,28			23/7/22	4,96	10,04										26/7/22	3,47	6,80								4,10	2,68	5,21
21/7/22	4,12	6,65					4,09	4,19	3,41			23/7/22	4,65	9,56										26/7/22	2,89	6,29								4,13	2,21	5,17
21/7/22	4,54	6,93					4,08	4,76	3,48			23/7/22	4,21	9,00										26/7/22	2,76	5,93								3,67	1,93	4,82
21/7/22	4,46	6,89					4,14	4,90	3,82			23/7/22	3,61	8,66										26/7/22	2,93	5,76								3,09	1,57	4,60
21/7/22	4,71	6,53					3,88	4,99	4,36			23/7/22	3,19	8,40										26/7/22	2,42	5,53								3,58	1,53	4,56
21/7/22	5,26	6,01					3,91	5,48	4,38			23/7/22	2,93	7,65										26/7/22	1,28	4,82								3,63	1,16	4,28
21/7/22	5,35	7,11					3,31	5,60	4,98	2,53		23/7/22	2,10	7,56										26/7/22	1,96	4,47								3,41	1,21	3,82
21/7/22	6,21	7,71					2,96	5,16	5,04			23/7/22	2,14	7,22										26/7/22	1,49	4,35								3,08	1,31	3,43
21/7/22	7,45	7,88					3,28	4,66	4,90			23/7/22	2,29	7,06										26/7/22	1,91	4,52								2,92	1,59	3,83
21/7/22	8,10	8,65					3,50	4,61	4,55			23/7/22	3,03	7,32										26/7/22	1,48	4,20								2,56	1,75	4,06
21/7/22	9,07	8,64					3,93	4,66	4,68			23/7/22	4,33	7,73										26/7/22	1,62	4,07								2,32	2,07	3,94
21/7/22	9,47	9,40					4,52	5,06	4,62			23/7/22	6,58	7,75										26/7/22	2,21	4,48								2,79	1,94	4,19
21/7/22	9,11	10,28					5,06	5,53	4,64			23/7/22	7,60	8,18										26/7/22	2,08	5,19								3,31	1,50	4,31
21/7/22	9,59	10,77					5,71	5,56	4,90			23/7/22	4,99	7,88										26/7/22	2,17	5,12								3,90	1,76	4,49
21/7/22	9,87	11,27					6,75	5,84	5,04			24/7/22	3,09	7,19										26/7/22	1,44	5,35								3,96	1,92	4,21
21/7/22	9,30	11,51					6,75	6,62	5,03			24/7/22	3,00	7,34										26/7/22	1,79	5,35								4,26	1,67	4,20
21/7/22	8,95	10,47					6,85	7,62	5,56			24/7/22	2,81	6,87										26/7/22	2,95	5,29								4,55	2,15	4,16
21/7/22	8,62	10,90					7,09	7,44	5,76	2,55		24/7/22	2,62	6,54										26/7/22	4,53	5,34								4,43	2,67	4,38
21/7/22	8,59	10,90					7,39	7,36	5,75			24/7/22	2,52	6,05										26/7/22	5,52	5,71								5,04	3,21	4,69
21/7/22	9,06	10,44					7,59	7,12	5,89	2,82		24/7/22	2,36	5,85										26/7/22	5,97	6,20								5,78	3,46	5,08
21/7/22	9,62	11,30					7,57	7,85	5,84	2,67		24/7/22	2,41	5,48										26/7/22	4,86	6,76								6,76	3,72	5,50
21/7/22	10,17	11,85					7,70	7,23	5,83	2,98		24/7/22	2,53	5,28										26/7/22	4,50	7,07								6,54	4,04	6,33
21/7/22	9,91	11,59					7,81	7,51	6,29	3,24		24/7/22	2,29	5,12										26/7/22	4,61	7,41								6,52	4,10	6,72
21/7/22	11,61	11,34					7,23	7,60	6,02	3,34		24/7/22	1,96	4,36										26/7/22	4,91	7,47								6,69	3,79	7,42
21/7/22	13,67	11,97					6,87	7,02	6,08	3,20		24/7/22	1,18	5,30										26/7/22	5,10	7,60								6,89	4,29	7,18
21/7/22	12,42	11,14					6,36	7,46	5,55	2,78		24/7/22	0,92	5,33										26/7/22	4,78	7,53								7,10	4,56	7,53
21/7/22	10,91	12,26					5,99	7,51	5,21	2,60		24/7/22	1,45	5,27										26/7/22	5,31	7,52								7,54	4,63	7,98
21/7/22	9,10	11,59					5,73	7,85	5,11			24/7/22	1,30	4,29										26/7/22	5,86	7,33								7,83	4,57	8,42
21/7/22	8,63	10,72					5,44	7,69	5,07			24/7/22	1,80	4,04										26/7/22	6,18	7,24								7,97	4,62	9,11
21/7/22	8,87	9,74					5,39	7,02	5,18			24/7/22	1,85	4,15										26/7/22	6,71	7,18								7,46	4,23	8,80
21/7/22	9,62	9,01					5,03	6,55	5,61			24/7/22	2,93	4,72										26/7/22	8,19	7,32								8,16	4,51	7,78
21/7/22	8,50	8,41					5,40	6,24	5,49			24/7/22	3,22	4,66										26/7/22	8,07	7,15								7,99	4,57	9,93
21/7/22	7,51	7,67					5,42	5,96	5,66			24/7/22	4,00	4,84										26/7/22	7,53	7,08								7,23	4,84	6,49
21/7/22	6,89	7,66					5,30	5,65	5,65			24/7/22	5,34	5,10										26/7/22	6,16	6,21								6,66	4,82	6,24
21/7/22	6,11	7,22					4,88	5,86	5,50			24/7/22	6,06	5,01										26/7/22	5,75	6,11								6,57	4,73	6,10
21/7/22	5,40	7,20					4,46	5,81	5,23			24/7/22	6,10	5,58										26/7/22	5,11	6,04								6,41	4,98	5,93
21/7/22	3,94	7,00					4,42	4,92	4,88			24/7/22	6,19	6,18										26/7/22	4,61	5,83								6,00	5,25	5,81
21/7/22	4,39	6,10					4,68	5,04	4,71			24/7/22	6,26	6,73										26/7/22	4,90	5,48								5,91	4,90	5,82
21/7/22	3,61	5,90					4,63	4,94	4,33			24/7/22	6,27	7,23										26/7/22	5,36	5,01								5,48	4,31	5,75
21/7/22	2,69	6,50					4,51	5,63	4,16			24/7/22	6,63	7,89										26/7/22	5,56	4,73								5,29	4,21	5,62
21/7/22	3,46	6,26					3,97	5,41	4,29			24/7/22	5,37	8,22										26/7/22	5,88	4,57								5,70	3,97	5,46
21/7/22	3,47	6,29					3,52	5,32	5,00			24/7/22	5,48	8,32										26/7/22	5,68	5,01								5,29	3,44	5,08
21/7/22	3,23	5,95					3,18	5,35	4,79			24/7/22	6,21	8,33										26/7/22	5,30	5,07								5,23	3,13	4,78
21/7/22	2,93	6,06					3,01	5,43	4,69			24/7/22	7,53	7,90										27/7/22	4,81	5,21								5,14	3,24	4,38
21/7/22	3,08	5,13					2,84	5,25	4,77			24/7/22	8,00	8,45										27/7/22	4,54	5,43								5,36	2,88	4,01
21/7/22	3,06	4,73					2,81	4,88	4,91			24/7/22	8,20	8,72										27/7/22	4,62	5,50								4,80</		

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2		data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2								
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	ve1 mg/l		ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l
28/7/22	5,73	5,68					5,47	4,95	4,84	3,37	30/7/22	5,88	9,40				5,92	6,93	7,16	5,30	2/8/22	3,22	4,85				3,41	3,48	3,44	3,19
28/7/22	5,72	5,17					5,54	6,76	4,77	3,40	30/7/22	5,68	8,82				6,14	7,21	7,30	5,07	2/8/22	2,87	4,47				3,54	2,92	3,73	3,09
28/7/22	6,18	5,31					5,82	6,81	4,98	3,46	30/7/22	5,28	8,47				5,79	6,37	6,02	4,66	2/8/22	3,07	4,67				3,25	2,96	3,88	3,07
28/7/22	6,59	5,41					5,83	6,78	5,52	3,51	30/7/22	5,23	9,25				5,62	6,14	6,81	4,29	2/8/22	2,71	4,55				3,38	3,00	3,95	2,98
28/7/22	7,32	5,44					5,94	6,90	5,92	3,51	30/7/22	4,96	8,44				5,48	5,99	6,68	4,09	2/8/22	2,96	4,46				3,67	3,29	4,02	2,97
28/7/22	8,05	5,77					6,44	6,85	6,24	3,56	30/7/22	4,24	7,44				5,44	5,31	6,42	3,93	2/8/22	3,30	4,50				4,41	3,48	3,94	3,03
28/7/22	8,76	6,26					6,85	6,77	6,22	4,14	30/7/22	3,84	7,17				5,19	5,28	6,52	3,80	2/8/22	3,33	4,65				4,03	4,26	3,84	2,97
28/7/22	8,32	6,96					7,36	7,15	6,88	4,09	30/7/22	3,97	6,79				5,06	5,35	6,39	3,74	2/8/22	3,27	4,70				3,66	3,94	3,69	2,83
28/7/22	9,03	6,72					7,76	8,03	7,11	4,00	31/7/22	4,14	6,02				4,94	5,14	6,24	3,62	2/8/22	3,34	4,58				3,94	3,76	3,86	2,80
28/7/22	7,98	8,07					7,78	8,37	7,76	4,16	31/7/22	4,14	5,66				4,87	4,79	6,24	3,46	2/8/22	3,25	4,88				4,05	3,36	3,92	2,90
28/7/22	8,25	9,46					8,17	8,53	7,94	4,69	31/7/22	4,36	5,52				4,71	4,65	5,80	3,38	2/8/22	3,25	4,94				4,66	3,30	3,86	2,92
28/7/22	8,96	8,86					8,01	8,28	7,60	5,15	31/7/22	4,96	6,46				4,73	4,21	5,71	3,41	2/8/22	3,55	3,77				4,90	3,44	3,94	2,94
28/7/22	7,99	8,66					7,83	9,02	8,00	5,50	31/7/22	5,25	7,35				4,53	4,61	5,01	3,36	2/8/22	3,09	4,40				5,08	3,91	3,77	3,03
28/7/22	8,53	8,32					7,55	9,37	8,18	5,75	31/7/22	5,36	6,88				4,38	4,28	4,66	3,27	2/8/22	3,38	4,25				5,04	4,57	3,67	3,12
28/7/22	9,04	8,14					7,39	9,63	8,24	5,90	31/7/22	4,94	6,60				4,54	4,21	4,41	2,99	2/8/22	4,03	3,79				4,96	3,82	3,82	3,21
28/7/22	9,53	6,87					7,85	9,18	8,25	5,80	31/7/22	3,61	6,53				4,47	4,17	4,12	3,15	2/8/22	4,02	3,20				4,98	5,90	3,95	3,24
28/7/22	9,43	7,34					7,70	8,65	8,48	5,78	31/7/22	2,76	6,53				4,42	3,68	3,95	3,10	2/8/22	4,55	2,83				5,00	8,30	4,16	3,38
28/7/22	9,08	8,15					7,16	8,88	8,12	5,58	31/7/22	2,32	6,17				4,15	3,25	4,10	3,19	2/8/22	4,40	3,15				5,13	7,84	4,38	3,48
28/7/22	8,74	7,80					7,32	8,02	7,72	5,24	31/7/22	2,16	6,05				4,08	2,91	4,00	3,00	2/8/22	4,57	3,41				5,11	7,10	4,56	3,29
28/7/22	8,44	6,90					7,21	7,58	7,37	4,79	31/7/22	2,12	5,37				3,96	2,56	4,55	2,71	2/8/22	5,46	3,46				5,21	7,38	4,76	3,36
28/7/22	8,18	7,02					7,09	7,19	7,59	4,41	31/7/22	1,58	5,29				3,67	3,26	4,76	2,78	2/8/22	6,72	3,39				5,24	6,93	5,06	3,58
28/7/22	7,87	7,02					6,68	7,30	7,35	4,19	31/7/22	1,57	5,28				3,68	3,70	5,11	2,71	2/8/22	6,86	3,43				5,78	7,16	5,19	3,85
28/7/22	6,99	7,19					6,29	7,59	7,27	4,05	31/7/22	1,58	4,79				3,88	4,38	5,58	2,69	2/8/22	7,29	3,93				6,06	7,82	5,37	3,60
28/7/22	6,53	6,99					5,71	7,33	7,14	3,94	31/7/22	2,03	4,28				4,11	4,13	5,97	3,00	2/8/22	8,30	4,46				6,58	8,36	5,59	3,49
28/7/22	6,26	7,04					5,64	6,45	6,90	3,85	31/7/22	2,13	4,39				4,28	4,55	6,65	2,91	2/8/22	7,00	4,47				6,66	8,10	5,61	3,71
28/7/22	6,31	6,62					5,57	6,51	6,65	3,85	31/7/22	2,41	4,66				4,42	4,76	6,42	3,07	2/8/22	6,55	4,45				7,40	8,05	5,25	4,18
28/7/22	6,64	5,75					5,88	6,27	6,46	3,73	31/7/22	2,86	5,46				4,42	4,28	6,48	2,80	2/8/22	6,51	4,96				7,53	7,87	5,11	4,60
29/7/22	7,06	5,75					6,02	6,02	6,40	3,37	31/7/22	3,30	5,91				4,63	3,99	4,82	2,69	2/8/22	7,38	6,07				7,22	7,59	4,86	4,74
29/7/22	7,28	6,57					5,88	5,70	6,38	3,56	31/7/22	4,38	7,12				5,28	4,20	4,49	2,68	2/8/22	7,26	6,25				6,83	7,64	4,58	4,85
29/7/22	7,15	6,58					5,87	5,70	5,86	3,52	31/7/22	6,22	7,14				6,86	4,07	4,32	2,81	2/8/22	6,31	5,73				6,51	7,18	4,37	4,65
29/7/22	6,40	7,01					5,82	5,47	4,97	3,48	31/7/22	6,48	7,71				5,57	4,21	4,37	2,97	2/8/22	5,52	5,26				6,36	6,65	4,25	4,12
29/7/22	5,26	6,84					5,93	5,22	4,93	3,42	31/7/22	5,65	7,99				5,59	3,61	4,38	3,16	2/8/22	5,28	4,39				6,11	6,36	4,41	4,26
29/7/22	4,40	6,44					5,99	5,21	4,65	3,21	31/7/22	5,71	7,85				5,57	3,96	4,38	3,34	2/8/22	5,04	3,77				6,25	6,61	3,91	4,29
29/7/22	4,26	5,87					5,93	4,74	4,58	3,04	31/7/22	5,67	7,75				5,77	3,25	4,52	3,49	2/8/22	4,54	3,78				6,10	6,52	3,81	4,42
29/7/22	4,18	5,84					5,39	4,59	4,78	3,25	31/7/22	5,65	7,01				5,84	3,63	4,58	3,60	2/8/22	4,78	3,22				5,73	6,22	4,08	4,28
29/7/22	3,80	5,21					5,55	4,07	4,99	3,50	31/7/22	5,43	7,60				5,62	6,55	4,85	3,66	2/8/22	4,53	3,18				5,41	6,20	4,53	4,19
29/7/22	3,48	5,23					5,46	3,99	4,77	3,56	31/7/22	5,95	7,19				5,62	6,73	5,27	3,67	2/8/22	3,66	2,42				5,27	6,04	4,88	3,87
29/7/22	3,10	5,28					5,14	3,75	4,85	3,40	31/7/22	6,50	7,20				5,89	6,38	5,52	3,79	3/8/22	3,83	2,58				5,11	5,95	5,03	3,67
29/7/22	2,60	5,08					4,84	3,57	4,92	3,46	31/7/22	6,56	7,61				6,36	5,67	5,84	4,19	3/8/22	3,05	2,38				4,81	4,97	5,12	3,58
29/7/22	2,51	4,66					4,53	3,44	5,21	3,38	31/7/22	6,69	9,57				6,68	7,08	6,63	4,81	3/8/22	3,55	2,49				4,49	4,78	5,18	3,49
29/7/22	2,50	4,45					4,81	4,12	5,59	3,40	31/7/22	6,62	10,68				6,70	7,67	6,94	4,46	3/8/22	3,85					4,38	4,57	5,20	3,43
29/7/22	2,94	4,73					4,86	4,46	5,96	3,26	31/7/22	6,26	11,87				6,58	7,31	6,73	4,52	3/8/22	4,42					4,50	4,24	5,19	3,26
29/7/22	3,05	4,97					4,89	4,53	5,97	2,97	31/7/22	6,01	10,70				6,56	7,03	6,95	5,00	3/8/22	4,32	2,40				4,59	4,31	5,02	3,16
29/7/22	3,38	5,01					4,48	4,51	5,58	3,05	31/7/22	6,43	11,68				6,71	6,91	6,89	5,34	3/8/22	4,04	2,61				4,44	4,40	4,88	3,13
29/7/22	3,46	5,05					4,35	4,73	4,73	3,12	31/7/22	6,47	11,29				6,50	6,65	6,90	5,43	3/8/22	3,86	3,23				4,21	4,53	4,33	3,18
29/7/22	3,56	5,63					4,29	4,54	4,68	3,20	31/7/22	6,64	11,01				6,30	6,26	6,86	5,24	3/8/22	3,46	3,68				4,06	4,25	3,86	3,15
29/7/22	3,77	5,87					4,80	4,86	4,72	3,27	31/7/22	6,80	9,15				6,06	5,92	6,67	4,79	3/8/22	3,18	3,47				4,02	4,33	3,61	3,04
29/7/22	4,07	5,94					5,06	4,43	4,93	3,29	31/7/22	6,43	8,30				5,79	5,52	6,33	4,32	3/8/22	3,04	3,00				3,80	3,83	3,28	2,79
29/7/22	4,30	5,87					5,24	5,31	4,89	3,27	31/7/22	5,50	8,16				5,45	5,99	6,03	4,79	3/8/22	2,86	2,69				3,63	3,98	2,89	2,69
29/7/22	4,23	5,95					5,44	7,54	5,12	3,27	31/7/22	4,51																		

data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l		ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l		ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l		ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l
4/8/22	5.57	4.55						5.99	7.24	5.12	4.00	7/8/22	2.82	5.00										9/8/22	4.70	4.39						5.72	4.96	4.35	3.54
4/8/22	5.58	4.58						6.14	6.50	5.30	4.23	7/8/22	2.38	4.62										9/8/22	4.97	4.90						5.81	5.51	4.51	3.54
4/8/22	5.27	4.90						6.46	6.66	5.49	4.59	7/8/22	2.65	3.79										9/8/22	5.07	4.59						5.58	5.52	4.77	3.53
4/8/22	5.10	5.75						6.72	6.68	5.60	4.46	7/8/22	2.65	3.95										9/8/22	5.61	4.68						5.89	5.48	4.93	3.29
4/8/22	5.30	6.42						7.09	6.06	5.92	4.89	7/8/22	2.67	3.43										9/8/22	5.39	4.66						5.97	5.52	5.14	3.78
4/8/22	5.00	6.74						7.45	6.19	6.17	4.69	7/8/22	2.65	3.77										9/8/22	5.26	5.31						6.37	5.56	5.30	4.36
4/8/22	5.23	7.53						7.13	7.32	5.95	4.36	7/8/22	2.23	3.97										9/8/22	5.91	5.03						6.52	6.31	5.57	4.28
4/8/22	5.62	8.19						7.43	7.48	5.77	4.33	7/8/22	2.19	3.88										9/8/22	6.02	6.20						6.59	7.19	5.96	4.37
4/8/22	5.03	8.08						6.99	7.42	5.57	4.69	7/8/22	2.33	4.05										9/8/22	6.50	7.08						7.18	8.24	6.40	4.72
4/8/22	4.54	7.92						6.76	7.22	5.46	4.75	7/8/22	2.39	3.83										9/8/22	6.31	7.69						7.84	8.79	6.69	5.44
4/8/22	4.33	7.50						6.58	7.04	5.31	4.51	7/8/22	2.26	3.37										9/8/22	7.02	7.36						7.23	9.49	6.97	6.05
4/8/22	3.90	6.97						6.25	6.92	5.03	4.24	7/8/22	2.21	3.14										9/8/22	6.59	7.35						7.92	9.48	7.63	6.44
4/8/22	3.51	6.60						5.97	6.25	4.80	4.07	7/8/22	2.28	3.43										9/8/22	6.99	8.00						8.19	8.78	8.10	6.54
4/8/22	3.54	6.01						5.63	5.90	4.57	3.87	7/8/22	2.43	3.33										9/8/22	6.87	7.86						8.19	8.69	8.33	6.13
4/8/22	3.26	5.33						5.37	5.93	4.37	3.55	7/8/22	2.77	3.45										9/8/22	6.59	7.49						8.13	8.64	8.60	6.16
4/8/22	3.14	4.93						5.06	5.32	4.09	3.17	7/8/22	2.97	3.47										9/8/22	6.28	8.03						8.20	7.89	8.57	5.94
4/8/22	2.86	4.43						5.19	5.26	3.84	3.58	7/8/22	3.04	3.65										9/8/22	6.60	7.26						8.13	7.64	7.90	5.46
4/8/22	2.41	4.82						5.36	5.31	3.47	3.78	7/8/22	3.06	3.53										9/8/22	6.77	7.12						8.22	7.34	7.39	5.19
5/8/22	1.96	4.79						5.18	5.06	3.31	3.86	7/8/22	3.08	3.43										9/8/22	6.52	6.76						7.82	7.53	6.97	4.78
5/8/22	1.18	4.79						3.91	4.91	3.73	3.93	7/8/22	3.09	3.83										9/8/22	6.31	6.68						7.80	7.56	6.92	4.49
5/8/22	0.85	4.20						4.18	5.06	4.02	3.91	7/8/22	3.31	3.72										9/8/22	5.75	6.10						7.11	7.59	6.69	4.37
5/8/22	1.30	3.56						4.00	4.76	4.28	3.97	7/8/22	3.42	3.97										9/8/22	5.38	5.62						6.85	7.91	6.38	4.23
5/8/22	1.08	3.49						4.28	4.70	4.42	3.90	7/8/22	3.65	4.86										9/8/22	3.93	5.45						6.65	7.68	6.10	4.15
5/8/22	1.28	3.38						4.35	4.46	4.54	2.46	7/8/22	3.33	5.24										9/8/22	5.25	5.02						6.14	7.30	5.81	4.03
5/8/22	1.18	3.93						4.19	4.11	4.57	2.64	7/8/22	3.56	4.86										9/8/22	5.36	4.56						6.13	6.69	5.75	3.90
5/8/22	3.22	3.95						3.88	4.23	4.58	3.29	7/8/22	3.23	5.05										9/8/22	5.66	4.80						6.20	6.66	5.50	3.80
5/8/22	3.11	4.18						3.86	3.95	4.47	3.33	7/8/22	3.29	5.29										9/8/22	5.99	5.44						6.45	7.00	5.36	3.87
5/8/22	3.30	4.13						3.51	4.03	4.23	3.28	7/8/22	3.64	5.07										9/8/22	5.93	6.32						6.12	5.71	4.89	3.84
5/8/22	3.33	4.39						3.29	3.89	3.72	3.21	7/8/22	4.12	5.12										9/8/22	5.90	5.85						5.78	6.29	4.42	3.89
5/8/22	3.17	4.10						2.74	3.89	3.05	3.24	7/8/22	4.18	5.82										9/8/22	5.51	6.60						6.01	5.51	4.43	3.85
5/8/22	3.14	4.01						2.72	3.80	2.51	3.12	7/8/22	4.09	5.50										9/8/22	4.42	6.77						5.66	5.29	4.32	3.96
5/8/22	2.80	4.50						2.71	3.61	2.17	2.90	7/8/22	4.71	5.80										9/8/22	3.04	6.74						5.35	5.51	4.33	3.63
5/8/22	2.58	4.61						2.98	3.61	1.98	2.87	7/8/22	4.49	5.80										9/8/22	2.86	6.00						5.38	5.13	4.73	3.20
5/8/22	2.26	4.77						2.72	3.51	2.21	2.64	7/8/22	5.20	5.72										9/8/22	2.78	6.09						5.49	4.58	4.96	4.02
5/8/22	1.97	5.42						2.62	3.55	2.74	2.72	7/8/22	5.03	6.07										9/8/22	2.72	5.58						5.20	4.32	5.02	3.94
5/8/22	2.75	5.44						2.94	3.67	3.23	2.76	7/8/22	5.47	5.55										9/8/22	2.93	5.58						5.09	5.55	4.92	3.71
5/8/22	2.50	5.62						3.31	3.88	3.47	2.77	7/8/22	6.08	5.40										9/8/22	3.20	5.60						5.51	5.49	4.77	3.66
5/8/22	3.62	5.62						3.93	4.14	3.62	2.59	7/8/22	5.77	5.10										9/8/22	3.04	5.05						4.44	5.29	4.65	3.49
5/8/22	3.72	6.55						4.20	4.43	3.70	2.65	7/8/22	5.29	5.55										9/8/22	2.81	5.33						4.60	5.34	4.49	3.08
5/8/22	3.04	6.60						4.26	4.31	3.52	2.81	7/8/22	5.00	7.21										9/8/22	2.56	5.04						4.79	4.69	4.22	2.83
5/8/22	3.84	6.60						4.30	4.19	3.22	2.86	7/8/22	4.98	7.35										9/8/22	2.42	4.63						4.52	4.34	4.03	2.85
5/8/22	4.25	6.26						4.72	4.00	3.10	3.03	7/8/22	4.85	7.11										9/8/22	2.67	4.48						4.39	4.30	4.12	2.77
5/8/22	4.58	4.96						5.09	3.77	3.38	2.94	7/8/22	4.63	6.01										9/8/22	2.96	4.28						4.03	4.91	4.22	3.06
5/8/22	4.22	5.36						5.11	3.79	3.56	3.04	7/8/22	4.37	5.70										9/8/22	3.90	4.75						4.34	5.54	4.43	3.22
5/8/22	3.46	5.37						5.68	3.81	3.92	3.14	7/8/22	4.02	5.51										9/8/22	4.17	4.84						4.89	5.34	4.46	3.40
5/8/22	3.66	6.04						5.88	4.62	4.29	3.29	7/8/22	3.81	5.40										9/8/22	4.53	5.02						5.41	4.95	4.68	3.51
5/8/22	3.59	5.42						5.88	5.24	4.61	3.54	7/8/22	4.08	5.95										9/8/22	4.61	4.61						5.70	4.96	4.82	3.62
5/8/22	3.72	5.39						5.66	6.90	4.94	3.68	8/8/22	3.97	6.20										9/8/22	4.76	4.99						5.98	4.85	4.87	3.61
5/8/22	3.47	5.79						5.50	6.41	5.13	3.82	8/8/22	3.81	6.00										9/8/											

data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2	
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	ve1 mg/l		ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	ve1 mg/l	ve2 mg/l		ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l				
11/8/22	7.49	5.50					7.98	6.73	7.61	5.26	14/8/22	2.59	4.46										4.31	3.37	3.74	3.20	16/8/22	4.89	6.34				6.90	5.63	5.07	3.29
11/8/22	7.16	5.06					7.36	6.41	7.32	5.14	14/8/22	2.35	4.53										4.07	3.33	4.18	3.00	16/8/22	4.96	6.62				7.16	5.41	5.03	3.45
11/8/22	6.73	5.15					6.79	6.77	6.71	4.83	14/8/22	1.84	4.18										3.82	3.65	4.68	2.86	16/8/22	4.64	6.26				7.63	5.56	5.00	3.68
11/8/22	6.55	4.86					6.24	7.05	6.76	4.51	14/8/22	2.22	4.69										3.56	4.04	4.74	2.77	16/8/22	5.46	6.31				7.94	5.86	5.45	4.09
11/8/22	6.15	4.80					6.02	7.01	6.56	4.34	14/8/22	2.09											3.75	3.97	4.68	2.79	16/8/22	5.98	6.94				8.27	6.20	5.90	4.21
11/8/22	5.86	4.58					5.82	6.05	6.38	4.26	14/8/22	2.68											4.20	3.90	4.97	2.70	16/8/22	6.07	7.41				8.45	6.91	6.07	3.99
11/8/22	4.26	4.41					5.14	6.20	6.06	4.20	14/8/22	2.97	4.56										4.72	4.51	5.18	2.69	16/8/22	6.20	7.75				8.56	7.22	6.27	3.91
11/8/22	4.29	4.17					5.08	5.88	5.76	4.17	14/8/22	3.34	4.63										4.75	4.50	5.23	2.75	16/8/22	6.06	7.72				8.54	7.21	6.10	4.03
11/8/22	5.30	4.12					5.34	5.51	5.45	3.72	14/8/22	3.77	4.53										4.83	4.09	4.95	2.66	16/8/22	6.05	7.94				8.26	7.29	5.95	4.11
11/8/22	5.19	4.46					5.41	5.93	5.34	3.96	14/8/22	3.72	5.22										5.34	4.08	4.72	2.73	16/8/22	5.68	7.18				8.27	7.20	5.89	4.07
11/8/22	5.45	5.22					5.74	5.48	5.18	3.97	14/8/22	3.66	4.87										5.76	4.20	4.24	3.02	16/8/22	5.13	7.02				7.81	7.24	5.57	3.87
11/8/22	5.57	6.01					5.90	4.98	4.84	3.98	14/8/22	3.63	5.09										5.88	4.34	4.00	3.24	16/8/22	5.02	7.62				7.52	6.83	5.18	3.69
11/8/22	5.30	6.11					5.89	5.35	4.32	3.89	14/8/22	3.85	4.94										5.85	4.24	4.13	3.49	16/8/22	4.96	7.19				7.39	6.80	4.84	3.58
11/8/22	4.35	6.26					5.81	4.86	4.22	3.67	14/8/22	4.42	5.13										5.76	5.95	3.63	3.65	16/8/22	5.56	6.65				7.15	6.87	4.61	3.44
11/8/22	3.57	5.39					5.56	5.25	4.17	3.42	14/8/22	4.30	4.19										6.01	7.92	3.83	3.83	16/8/22	5.52	6.12				7.04	6.10	4.55	3.74
11/8/22	3.34	5.31					5.46	4.66	4.05	3.51	14/8/22	4.88	3.75										6.15	7.72	3.97	4.00	16/8/22	4.82	6.18				6.86	5.79	4.43	3.47
11/8/22	3.42	5.05					5.13	3.76	4.29	3.59	14/8/22	4.93	3.96										5.96	7.47	4.71	4.08	16/8/22	4.68	6.15				6.73	5.53	4.35	3.64
11/8/22	3.57	4.78					4.85	3.47	4.60	3.48	14/8/22	4.76	3.88										5.97	6.80	4.91	4.08	16/8/22	4.25	6.13				6.65	5.87	4.54	3.66
11/8/22	3.53	5.03					4.49	4.17	4.63	3.41	14/8/22	4.72	4.15										6.64	6.53	5.00	3.77	16/8/22	4.37	5.29				6.50	5.75	4.56	3.75
11/8/22	3.07	5.02					5.04	4.34	4.85	3.16	14/8/22	4.82	4.36										6.81	6.50	5.24	4.28	17/8/22	3.75	4.89				6.10	5.57	4.03	3.75
11/8/22	2.99	4.38					5.25	4.23	4.78	3.23	14/8/22	5.61	4.42										7.14	6.97	5.42	4.26	17/8/22	2.72	4.88				5.85	5.50	4.90	3.74
11/8/22	2.78	4.64					4.81	4.44	4.83	3.00	14/8/22	5.03	5.43										7.47	7.23	5.64	4.04	17/8/22	3.09	4.82				5.60	4.87	5.16	3.71
11/8/22	2.46	4.84					4.20	4.52	4.62	2.82	14/8/22	5.17	5.94										7.85	7.39	5.84	3.94	17/8/22	3.19	4.30				5.43	4.70	5.41	3.64
11/8/22	2.54	4.63					4.26	4.06	4.68	2.86	14/8/22	4.95	6.02										7.86	6.96	6.08	3.84	17/8/22	3.09	4.94				6.10	4.40	5.29	3.06
11/8/22	2.65	4.48					4.10	4.05	4.59	2.84	14/8/22	4.88	6.47										7.86	6.88	6.28	4.46	17/8/22	3.27	5.05				5.77	4.68	4.98	3.11
11/8/22	2.39	4.13					4.25	4.15	4.63	3.01	14/8/22	5.08	6.87										7.43	6.71	6.12	4.55	17/8/22	3.42	5.18				5.39	5.18	4.82	3.37
11/8/22	2.25	4.73					4.64	4.72	4.60	3.10	14/8/22	4.99	6.54										7.32	6.62	6.20	4.44	17/8/22	3.37	4.83				5.68	5.05	4.46	3.42
11/8/22	2.76	4.39					4.82	4.70	4.44	3.18	14/8/22	4.63	6.83										7.36	6.61	6.14	4.44	17/8/22	3.01	4.99				5.57	5.03	4.21	3.32
11/8/22	4.14	4.44					4.94	4.54	4.31	3.30	14/8/22	4.85	6.81										7.16	6.10	5.99	4.21	17/8/22	2.44	4.72				5.10	4.93	4.06	3.14
11/8/22	3.27	4.10					5.05	4.12	4.55	3.32	14/8/22	4.70	6.39										6.88	5.84	5.73	3.88	17/8/22	2.27	5.08				4.66	4.46	3.65	2.92
11/8/22	3.54	3.77					5.12	4.84	4.09	3.35	14/8/22	4.71	5.97										6.94	5.55	5.41	3.65	17/8/22	2.18	5.00				3.89	3.94	3.05	2.82
11/8/22	4.08	3.40					5.19	4.59	3.91	3.42	14/8/22	4.34	6.08										6.59	5.71	5.03	4.08	17/8/22	2.30	5.29				4.20	3.38	2.69	2.67
11/8/22	4.31	3.49					5.11	5.66	4.06	3.55	14/8/22	4.02	6.20										6.27	5.23	4.87	4.32	17/8/22	1.96	5.18				4.07	2.82	2.99	2.73
11/8/22	4.13	3.28					5.11	5.35	4.48	3.61	14/8/22	4.13	5.56										5.93	5.39	5.33	4.24	17/8/22	1.75	4.99				4.33	2.39	3.43	
11/8/22	3.89	3.63					4.84	4.93	4.99	3.65	14/8/22	4.24	5.20										5.73	5.37	5.67	4.26	17/8/22	1.92	5.00				4.17	2.40	3.93	
11/8/22	4.81	4.11					5.00	4.93	5.19	3.63	14/8/22	4.19	5.38										5.67	5.06	5.32	4.16	17/8/22	2.52	5.03				4.88	3.13	4.25	
11/8/22	5.50	3.63					5.41	4.90	5.31	3.59	14/8/22	3.99	5.30										5.46	4.96	5.70	4.05	17/8/22	2.81	4.75				5.45	3.36	4.60	
11/8/22	6.17	4.03					5.48	5.11	5.32	3.89	14/8/22	4.00	4.81										5.49	4.24	5.62	4.02	17/8/22	2.92	5.14				5.73	3.88	5.02	
11/8/22	6.84	4.66					6.54	5.77	5.44	4.01	15/8/22	3.75	4.45										5.14	4.23	5.83	4.01	17/8/22	3.56	5.12				5.92	4.04	5.00	2.54
11/8/22	5.84	5.76					7.04	6.66	5.66	4.04	15/8/22	2.93	4.26										4.56	4.27	5.84	3.98	17/8/22	4.03	4.65				6.20	4.16	4.45	2.58
11/8/22	5.91	6.03					7.24	6.78	5.89	4.13	15/8/22	2.76	4.42										4.39	4.38	5.61	3.90	17/8/22	4.58	4.97				6.40	4.54	4.14	3.60
11/8/22	5.64	5.14					7.04	6.88	5.86	4.57	15/8/22	2.68	4.33										4.72	4.13	5.62	3.44	17/8/22	4.64	5.59				6.41	4.12	3.87	2.69
11/8/22	5.66	6.03					7.13	7.30	5.86	4.81	15/8/22	2.51	4.71										4.99	4.16	5.47	3.42	17/8/22	4.86	5.87				6.20	4.13	3.71	2.90
11/8/22	5.42	6.57					7.21	7.25	6.00	4.63	15/8/22	2.40	4.75										4.76	4.27	5.16	3.75	17/8/22	5.23	6.15							

data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	ve1 mg/l		ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	ve1 mg/l	ve2 mg/l		ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l			
19/8/22	3.27	4.94					4.85	4.22	3.77	2.85	21/8/22	2.20	4.90							5.57	4.93	5.21	23/8/22	5.89	6.17							5.68	6.56	6.47	
19/8/22	2.87	4.14					4.63	4.13	3.60	2.91	21/8/22	3.60	4.75							5.68	4.75	5.52	23/8/22	5.76	6.79							6.42	7.19	6.28	
19/8/22	2.81	5.01					4.60	4.06	3.26	2.64	21/8/22	4.38	5.62							5.60	5.00	5.49	23/8/22	5.39	6.84							6.91	6.67	6.39	
19/8/22	2.73	5.07					4.44	4.11	3.10	2.59	21/8/22	4.88	5.89							5.99	5.31	5.40	23/8/22	5.04	7.11							6.69	6.36	6.05	
19/8/22	2.65	4.70					4.51	3.96	3.27	2.66	21/8/22	5.70	5.90							5.71	5.23	5.74	23/8/22	4.64	6.92							6.74	5.94	5.67	
19/8/22	2.81	4.89					4.21	3.94	3.21	2.81	21/8/22	5.94	5.93							5.28	5.49	6.58	23/8/22	4.76	6.74							6.82	5.36	5.53	
19/8/22	3.61	5.04					4.29	4.00	3.15	2.72	21/8/22	6.42	6.53							5.85	5.83	6.92	23/8/22	4.91	5.81							5.95	5.14	5.37	
19/8/22	3.48	4.63					4.46	4.26	3.23	2.64	21/8/22	6.58	6.90							5.89	7.58	7.19	23/8/22	4.42	5.21							5.43	5.19	5.18	
19/8/22	3.89	5.13					4.88	4.26	3.64	2.98	21/8/22	7.05	7.06							6.00	7.68	7.78	23/8/22	4.01	5.42							5.68	5.37	4.94	
19/8/22	3.82	5.15					4.79	4.23	3.79	2.80	21/8/22	7.10	7.34							6.19	7.94	7.94	23/8/22	4.36	5.18							5.66	5.18	4.62	
19/8/22	3.69	5.27					4.87	4.64	3.62	3.10	21/8/22	7.40	7.69							6.48	7.99	7.86	24/8/22	4.26	6.09							5.59	5.82	4.40	
19/8/22	3.62	5.15					4.83	4.59	3.79	3.00	21/8/22	7.63	7.47							7.08	8.35	7.79	24/8/22	4.01	5.64							5.41	5.93	4.39	
19/8/22	3.70	4.91					4.91	4.50	3.78	3.36	21/8/22	7.65	7.77							7.23	8.06	8.09	24/8/22	3.60	5.39							5.60	6.21	4.36	
19/8/22	3.31	4.59					4.67	4.01	3.42	3.24	21/8/22	7.22	8.15							7.98	8.52	8.44	24/8/22	3.15	5.56							5.27	5.47	4.02	
19/8/22	3.53	4.66					4.81	3.61	3.91	3.14	21/8/22	6.40	8.12							8.68	7.91	8.68	24/8/22	3.01	5.13							5.11	5.23	3.88	
19/8/22	3.51	4.41					4.55	3.87	3.88	2.85	21/8/22	6.65	7.66							8.89	6.92	8.58	24/8/22	2.98	4.94							4.85	4.46	3.95	
19/8/22	3.69	4.37					4.82	3.96	4.06	3.11	21/8/22	5.82	7.01							9.04	6.63	7.59	24/8/22	2.74	4.75							3.71	3.79	4.02	
19/8/22	3.76	4.85					5.07	3.92	4.00	3.33	21/8/22	5.44	7.17							8.73	6.66	6.92	24/8/22	1.82	4.38							3.95	3.51	4.01	
19/8/22	4.32	4.66					5.15	4.21	4.20	3.02	21/8/22	4.90	7.09							8.57	6.19	6.43	24/8/22	1.63	4.44							4.48	3.10	3.94	
19/8/22	4.21	4.55					5.45	4.09	4.21	3.24	21/8/22	4.05	6.77							8.39	6.05	6.02	24/8/22	1.85	4.70							4.68	2.88	3.60	
19/8/22	4.49	4.66					5.36	4.44	4.26	3.00	21/8/22	3.55	6.52							8.38	6.26	6.04	24/8/22	2.33	4.56							4.11	3.06	3.50	
19/8/22	4.16	4.66					5.54	4.26	4.43	3.30	21/8/22	4.39	6.59							8.17	6.05	6.36	24/8/22	2.31	4.44							4.17	3.68	3.09	
19/8/22	4.95	5.24					5.66	4.17	4.63	3.22	21/8/22	4.08	6.89							8.03	6.03	6.08	24/8/22	1.76	4.36							4.16	4.07	2.94	
19/8/22	4.84	5.43					5.71	4.48	4.39	3.38	21/8/22	3.66	6.81							7.89	6.29	5.03	24/8/22	1.71	3.50							3.93	4.67	3.28	
19/8/22	4.94	5.57					6.24	4.51	4.59		21/8/22	4.01	7.17							7.50	6.43	5.06	24/8/22	1.68	3.56							3.91	4.76	3.55	
19/8/22	5.06	5.64					6.19	5.18	4.70		21/8/22	3.37	6.79							7.16	6.08	5.75	24/8/22	2.11	3.83							4.37	4.74	3.68	
19/8/22	5.43	5.16					6.69	5.60	4.79		21/8/22	3.55	6.27							6.69	6.69	6.11	24/8/22	2.20	4.49							4.49	4.78	3.60	
19/8/22	5.50	5.19					6.65	5.46	5.07		21/8/22	4.16	6.81							6.64	6.65	6.21	24/8/22	2.52	5.05							4.64	4.08	3.82	
19/8/22	5.26	5.38					6.96	5.75	5.22		21/8/22	4.12	6.45							6.20	6.09	5.79	24/8/22	2.66	5.00							4.86	4.40	3.75	
19/8/22	5.84	5.35					7.15	5.44	5.95		22/8/22	3.88	6.29							5.96	5.82	5.25	24/8/22	2.13	4.72							4.88	3.97	3.67	
19/8/22	5.66	5.56					7.45	5.15	5.93		22/8/22	2.95	6.13							6.07	5.36	4.63	24/8/22	2.35	4.68							5.08	3.99	3.94	
19/8/22	6.55	5.67					7.15	5.23	5.28		22/8/22	2.39	6.10							5.76	4.74	4.40	24/8/22	3.23	4.86							5.30	4.32	4.03	
19/8/22	6.71	5.57					7.49	5.97	5.36		22/8/22	2.41	5.93							4.40	4.34	4.39	24/8/22	3.73	5.69							5.46	4.08	4.23	
19/8/22	6.85	5.29					6.86	6.32	5.47		22/8/22	2.09	5.78							3.57	3.71	4.24	24/8/22	4.06	6.49							6.28	3.97	4.48	
19/8/22	7.25	5.39					7.60	6.88	5.72		22/8/22	2.26	5.73							4.56	3.51	3.99	24/8/22	3.35	6.33							6.58	3.97	4.68	
19/8/22	6.94	7.26					7.43	7.67	6.36		22/8/22	1.57	5.45							4.19	3.41	3.81	24/8/22	3.65	8.00							6.62	4.86	5.10	
19/8/22	6.65	8.19					6.88	8.50	6.69		22/8/22	1.78	5.55							4.77	3.46	3.50	24/8/22	4.20	8.20							6.64	6.04	5.19	
19/8/22	5.97	8.06					7.46	9.46	6.46		22/8/22	1.86	5.57							4.74	4.35	3.18	24/8/22	4.49	9.61							7.25	6.70	5.71	
19/8/22	4.74	7.64					6.49	8.23	6.13		22/8/22	1.97	5.71							4.53	4.56	3.52	24/8/22	4.80	8.67							7.98	6.62	5.94	
19/8/22	5.41	6.98					6.67	8.59	5.90		22/8/22	1.89	4.78							4.24	4.83	3.88	24/8/22	4.65	8.39							8.52	7.29	6.20	
19/8/22	4.87	6.90					7.34	8.79	5.81		22/8/22	1.73	4.19							4.07	5.12	3.97	24/8/22	4.68	8.49							8.96	7.31	6.80	
19/8/22	4.17	6.84					7.24	8.30	5.41		22/8/22	1.39	4.41							4.27	4.81	4.11	24/8/22	4.80	8.68							8.95	7.86	6.78	
19/8/22	3.40	7.08					6.62	8.15	5.20		22/8/22	1.31	4.30							4.52	4.72	4.24	24/8/22	5.01	8.32							8.63	8.09	6.80	
19/8/22	3.50	6.91					7.19	7.95	4.97		22/8/22	2.19	4.35							4.73	4.92	4.33	24/8/22	5.52	8.26							8.31	8.34	6.89	
19/8/22	3.43	6.72					7.05	7.67	4.79		22/8/22	2.19	4.93							4.82	4.93	4.56	24/8/22	5.38	7.47							8.45	8.24	6.90	
19/8/22	3.60	6.32					7.18	7.23	4.63		22/8/22	2.42	4.99							5.18	4.36	4.47	24/8/22	6.01	7.44							8.36	8.08	6.69	
19/8/22	3.20	6.15					6.71	7.10	4.38		22/8/22	2.56	4.63							5.40	3.84	4.51	24/8/22	5.57	7.74							8.14	7.49	7.00	
19/8/22	2.61	6.54					6.09	6.69	4.25	</																									

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9
26/8/22	2.12	5.46					3.82	3.44	3.93		28/8/22	5.78	5.52				6.53	5.09	4.52		30/8/22	1.97						5.35	4.47	2.73		
26/8/22	0.94						4.54	3.21	3.83		28/8/22	6.03	7.30				7.08	5.45	4.94		31/8/22	2.57					5.19	4.22	2.80			
26/8/22	1.99	3.76					4.63	2.18	3.78		28/8/22	5.39	7.17				7.20	5.82	5.14		31/8/22	2.34					5.00	4.14	2.86			
26/8/22	2.09	3.99					4.54	2.00	3.40		28/8/22	4.49	9.12				7.17	6.35	5.28		31/8/22	2.94						4.06	2.98			
26/8/22	2.08	4.04					4.24	2.69	3.50		28/8/22	4.40	9.67				7.36	6.19	5.59		31/8/22	2.38						4.99	2.97			
26/8/22	1.65	5.19					4.62	3.89	3.34		28/8/22	4.11	9.90				7.58	6.28	5.55		31/8/22	2.72						4.51	2.89			
26/8/22	1.89	4.63					4.60	3.86	3.45		28/8/22	4.02	8.83				7.27	6.61	5.22		31/8/22	2.92						4.37	2.90			
26/8/22	1.93	4.95					4.55	4.28	3.56		28/8/22	3.20	9.03				7.15	6.39	4.49		31/8/22	3.18						4.25	3.10			
26/8/22	1.77	5.09					4.68	4.16	3.45		28/8/22	3.20	8.32				6.86	6.29	4.29		31/8/22	2.88						4.21	2.92			
26/8/22	2.52	5.42					4.86	4.29	3.30		28/8/22	4.07	8.09				6.95	5.78	4.44		31/8/22	2.68						3.94	2.64			
26/8/22	2.55	5.78					5.06	3.38	3.13		28/8/22	4.12	7.70				6.58	5.68	4.51		31/8/22	2.60						3.82	2.30			
26/8/22	2.85	5.75					5.64	3.47	3.12		28/8/22	4.82	7.69				6.52	5.61	4.52		31/8/22	3.24						3.72	2.30			
26/8/22	3.05	5.79					5.84	3.99	3.14		28/8/22	4.68	7.50				6.46	5.69	4.58		31/8/22	3.37						3.47	2.34			
26/8/22	2.28	5.43					6.03	4.01	3.19		28/8/22	4.27	6.62				6.14	5.43	4.48		31/8/22	3.54						3.45	2.40			
26/8/22	3.54	5.43					5.92	4.21	3.35		28/8/22	4.16	6.58				5.89	5.50	4.88		31/8/22	3.60						2.93	2.38			
26/8/22	4.42	5.66					5.99	4.24	3.81		28/8/22	3.75	6.24				5.69	5.23	4.69		31/8/22	3.62						2.68	2.30			
26/8/22	5.09	5.78					6.34	4.35	4.44		28/8/22	3.68	6.09				5.88	5.30	4.83		31/8/22	3.31						3.45	2.29			
26/8/22	5.13	5.79					7.02	4.42	4.81		28/8/22	3.21	6.46				5.56	5.16	4.93		31/8/22	3.61						4.08	2.37			
26/8/22	5.52	6.09					7.35	4.87	4.87		28/8/22	3.06	6.10				5.45	5.40	4.64		31/8/22	3.61						4.71	2.38			
26/8/22	5.50	7.18					8.08	5.72	5.25		28/8/22	2.95	5.80				5.82	5.30	5.17		31/8/22	3.78						4.68	2.33			
26/8/22	5.68	8.77					7.77	6.44	5.45		29/8/22	3.16	5.93				5.45	4.98	5.25		31/8/22	3.59						4.36	2.75			
26/8/22	3.1	9.86					8.39	6.21	5.57		29/8/22	3.43	5.52				5.58	4.75	5.16		31/8/22	3.69						4.39	2.40			
26/8/22	4.91	9.03					8.83	6.61	5.33		29/8/22	3.44	5.48				5.41	4.94	4.80		31/8/22	4.01						4.03	1.95			
26/8/22	8.71						8.82	6.98	5.60		29/8/22	2.97	5.63				5.19	4.93	4.37		31/8/22	4.05						3.91	1.78			
26/8/22	5.10	8.88					8.91	7.22	5.81		29/8/22	2.57	5.08				5.20	4.32	3.97		31/8/22	4.02						4.70	1.96			
26/8/22	5.45	8.30					8.62	7.13	5.95		29/8/22	2.39	5.59				5.17	4.83	3.31		31/8/22	3.96						5.05	2.08			
26/8/22	5.78	7.69					8.67	6.67	5.81		29/8/22	2.33	5.67				4.84	4.23	3.13		31/8/22	4.28						5.56	2.12			
26/8/22	5.97	7.30					8.48	7.06	5.77		29/8/22	2.34	5.65				4.74	3.82	2.63		31/8/22	4.33						5.63	2.16			
26/8/22	5.99	7.60					7.91	6.26	5.76		29/8/22	2.83	5.35				4.68	3.54	2.31		31/8/22	4.85						6.25	2.40			
26/8/22	5.49	6.91					7.61	5.97	6.09		29/8/22	2.72	5.42				4.63	3.08	2.36		31/8/22	4.94						6.09	2.85			
26/8/22	5.42	6.48					7.31	6.24	5.85		29/8/22	2.27	5.19				4.39	2.58	2.48		31/8/22	5.77						5.88	3.09			
26/8/22	5.08	6.97					6.69	6.00	5.39		29/8/22	2.16	4.94				4.10	3.18	2.78		31/8/22	5.79						5.49	3.30			
26/8/22	4.59	6.94					6.55	5.77	5.28		29/8/22	1.68	4.65				3.68	3.05	2.92		31/8/22	5.13						6.10	4.56			
26/8/22	4.67	6.44					6.47	5.94	5.31		29/8/22	2.11	4.58				3.81	2.94	2.94		31/8/22	5.21						6.58	4.24			
26/8/22	4.41	6.06					6.42	6.06	5.08		29/8/22	2.13	4.74				4.02	2.79	2.80		31/8/22	5.14						6.90	4.46			
26/8/22	3.97	5.33					6.28	5.00	5.29		29/8/22	2.40	4.77				4.28	2.76	2.77		31/8/22	4.91						6.75	5.50			
26/8/22	2.44	5.62					5.51	5.58	4.81		29/8/22	2.35	4.89				4.36	3.38	3.17		31/8/22	4.55						6.64	4.41			
26/8/22	3.98	5.60					5.79	4.98	4.62		29/8/22	2.07	4.86				4.35	3.30	2.84		31/8/22	4.14						7.71	4.16			
26/8/22	4.09	5.34					6.16	4.65	4.43		29/8/22	2.17	5.29				4.87	3.63	2.61		31/8/22	3.88						6.86	4.03			
27/8/22	3.74	5.00					6.17	4.38	4.63		29/8/22	2.22	5.51				5.10	3.68	2.40		31/8/22	3.97						6.20	3.92			
27/8/22	3.63	5.63					6.17	4.10	4.54		29/8/22	2.24	5.93				4.90	3.70	3.20		31/8/22	2.63						5.70	3.90			
27/8/22	3.93	6.61					6.30	4.64	4.47		29/8/22	2.48	5.95				4.95	3.24	2.09		31/8/22	2.76						5.59	3.76			
27/8/22	3.59	5.50					6.22	4.50	4.18		29/8/22	2.66	6.60				5.04	4.72	2.25		31/8/22	3.10						5.94	3.93			
27/8/22	3.42	5.93					6.08	4.30	3.79		29/8/22	3.03	5.91				5.26	5.51	2.31		31/8/22	3.02						5.85	3.75			
27/8/22	3.58	5.60					6.08	4.40	3.62		29/8/22	3.48	5.73				5.56	5.48	2.42		31/8/22	3.08						6.00	3.69			
27/8/22	3.66	5.38					6.04	4.97	3.57		29/8/22	3.34	5.73				5.47	5.03	2.60		31/8/22	3.20						6.00	3.20			
27/8/22	3.33	5.53					5.88	4.38	3.28		29/8/22	3.50	6.35				5.60	5.62	3.26		31/8/22	3.14						6.64	3.73			
27/8/22	3.07	5.12					5.65	3.99	3.51		29/8/22	3.81					5.91	5.46	3.51		31/8/22	3.12						6.42	3.83			
27/8/22	2.76	5.06					5.36	3.09	3.51		29/8/22	3.88					6.26	5.43	3.59		31/8/22	3.60						5.66	3.42			
27/8/22	2.53	5.06					4.14	2.44	3.42		29/8/22	4.58					7.07	5.75	3.75		1/9/22	3.71						6.14	3.19			
27/8/22	1.66	4.57					4.50	2.74	3.15		29/8/22	5.03					7.36	5.74	3.98		1/9/22	3.93						6.21	3.69			
27/8/22	2.07	3.70					4.68	2.24	3.30		29/8/22	4.55					7.68	6.29	4.17		1/9/22	3.86						6.12	3.76			
27/8/22	1.98	4.51					4.70	2.11	3.28		29/8/22	4.09					7.60	6.76	4.54		1/9/22	4.49						5.76	5.28			
27/8/22	2.49	4.81					4.80	3.00	3.29		29/8/22	3.88					7.34	6.56	5.18		1/9/22	5.55						5.34	5.15			
27/8/22	2.13	4.75					4.62	3.57	3.33		29/8/22	3.50					7.13	6.46	4.60		1/9/22	5.74						4.76	4.81			
27/8/22	1.78	4.36					4.03	3.87	3.30		29/8/22	2.64					7.24	6.24	4.71		1/9/22	4.84						5.1				

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l
2/9/22	4.22	5.89					4.53	3.74		4/9/22	8.30	10.54						7.19	7.31	5.91	7/9/22	3.23	5.72						4.60	4.25	3.80	
2/9/22	4.42	6.00					4.58	3.97		4/9/22	8.24	10.67						7.24	7.05	5.99	7/9/22	3.43	5.18					4.43	3.80	3.06		
2/9/22	4.59	5.57					4.20	3.69		4/9/22	7.81	10.58						7.18	7.05	6.04	7/9/22	3.12	5.06					4.52	4.36	2.46		
2/9/22	4.62	5.89					3.89	3.82		4/9/22	7.84	9.74						7.12	7.47	7.04	7/9/22	3.23	4.89					4.33	4.37	2.49		
2/9/22	4.87	6.26					4.23	3.86		4/9/22	6.91	9.00						7.15	7.13	8.10	7/9/22	2.93	4.51					4.63	4.75	2.74		
2/9/22	4.15	6.57					4.85	4.01		4/9/22	6.42	8.55						7.10	6.81	8.52	7/9/22	3.17	4.51					4.86	4.99	3.52		
2/9/22	5.19	6.60					4.91	4.07		4/9/22	5.63	8.30						6.98	6.40	8.30	7/9/22	3.20	4.67					5.00	4.87	3.86		
2/9/22	5.51	7.02					5.38	4.21		4/9/22	3.98	7.74						6.78	6.00	7.70	7/9/22	3.15	4.88					4.61	4.90	3.61		
2/9/22	5.45	7.62					5.58	4.47		4/9/22	3.30	7.26						6.62	5.87	7.10	7/9/22	3.38	5.38					4.90	4.73	3.54		
2/9/22	5.57	8.36					5.81	4.66		4/9/22	3.11	7.24						6.62	5.45	6.63	7/9/22	3.36	5.62					4.72	4.74	3.58		
2/9/22	6.34	8.68					5.90	4.76		4/9/22	3.44	7.04						6.31	4.76	6.31	7/9/22	3.22	5.02					5.38	4.35	3.43		
2/9/22	6.74	8.67					5.97	4.83		5/9/22	3.22	6.80						6.05	4.56	5.78	7/9/22	3.42	4.94					5.53	4.07	3.51		
2/9/22	6.49	8.59					6.05	4.82		5/9/22	3.31	6.52						6.73	4.56	5.12	7/9/22	4.43	5.19					5.74	4.25	3.66		
2/9/22	6.91	8.65					6.26	4.74		5/9/22	4.07	6.40						6.79	4.53	4.70	7/9/22	4.67	5.84					6.09	4.31	4.27		
2/9/22	7.52	9.78					6.15	4.90		5/9/22	4.04	5.91						6.64	4.38	4.37	7/9/22	4.30	6.31					6.24	4.34	4.61		
2/9/22	7.95	9.97					6.35	5.33		5/9/22	3.59	5.74						6.38	4.68	4.02	7/9/22	4.09	6.73					6.35	4.45	4.92		
2/9/22	8.45	9.51					6.82	5.48		5/9/22	2.86	5.52						6.03	4.65	3.67	7/9/22	4.19	6.76					6.35	4.66	5.02		
2/9/22	7.02	9.34					5.94	5.61		5/9/22	2.36	5.45						5.68	4.98	3.33	7/9/22	4.44	8.09					6.31	5.28	5.42		
2/9/22	5.37	9.18					6.86	5.71		5/9/22	2.62	5.64						5.47	5.36	3.00	7/9/22	4.76	8.52					6.37	6.04	5.55		
2/9/22	5.02	9.48					6.79	5.87		5/9/22	2.87	5.44						5.50	4.82	3.23	7/9/22	5.04	8.23					6.66	5.70	6.02		
2/9/22	4.80	9.52					6.68	5.60		5/9/22	2.63	4.90						5.47	4.97	3.71	7/9/22	5.35	8.18					7.07	6.14	6.06		
2/9/22	4.63	8.79					6.27	5.62		5/9/22	2.82	4.47						5.43	5.43	4.09	7/9/22	5.26	8.43					7.44	6.52	6.26		
2/9/22	4.46	7.94					5.82	5.46		5/9/22	3.00	4.69						5.42	6.15	4.31	7/9/22	5.20	8.72					7.58	6.85	6.46		
2/9/22	4.29	7.42					5.45	5.41		5/9/22	3.07	5.06						5.34	6.23	4.83	7/9/22	5.30	8.85					7.52	6.98	6.51		
2/9/22	3.63	7.00					5.22	5.40		5/9/22	3.03	5.08						5.27	6.18	5.03	7/9/22	5.97	8.89					7.21	7.44	6.33		
2/9/22	3.15	6.58					4.86	5.41		5/9/22	3.19	5.27						5.17	6.38	5.45	7/9/22	6.03	8.83					7.54	7.62	6.16		
2/9/22	3.54	6.29					4.91	5.51		5/9/22	3.56	5.69						5.21	6.29	5.66	7/9/22	6.10	8.75					7.43	7.58	6.55		
2/9/22	3.69	5.81					5.10	5.49		5/9/22	3.34	6.11						5.19	6.48	5.66	7/9/22	6.00	8.36					7.58	7.27	6.82		
2/9/22	3.44	5.94					5.18	5.13		5/9/22	3.86	6.20						5.32	6.20	5.59	7/9/22	6.00	6.91					7.41	6.59	6.15		
2/9/22	3.96	5.91					5.52	4.77		5/9/22	3.96	6.88						5.42	6.04	5.49	7/9/22	5.99	7.42					7.19	6.62	5.63		
3/9/22	3.90	5.98					5.56	4.95		5/9/22	5.77	7.24						4.87	5.78	5.58	7/9/22	5.55	7.31					7.08	7.00	5.45		
3/9/22	3.77	5.56					5.15	5.34		5/9/22	6.87	7.51						5.20	5.77	5.63	7/9/22	5.67	7.10					7.07	7.10	5.58		
3/9/22	3.62	4.81					5.42	5.47		5/9/22	7.26	7.58						5.53	5.84	5.50	7/9/22	5.41	7.05					7.02	6.53	5.63		
3/9/22	3.47	5.18					5.34	5.55		5/9/22	7.42	7.72						6.13	5.93	5.59	7/9/22	4.96	6.74					6.92	6.49	5.56		
3/9/22	3.40	5.58					5.36	5.51		5/9/22	7.59	8.15						5.49	6.35	5.62	7/9/22	5.27	6.60					6.82	6.41	5.42		
3/9/22	3.47	5.56					5.42	5.39		5/9/22	7.36	8.90						5.04	7.11	5.53	7/9/22	5.53	6.37					6.73	5.93	5.35		
3/9/22	3.45	5.41					5.43	5.28		5/9/22	7.11	9.59						5.18	6.92	5.87	7/9/22	5.57	7.42					6.73	5.87	5.17		
3/9/22	4.02	5.48					5.31	5.11		5/9/22	6.82	9.67						5.79	6.51	6.55	7/9/22	5.66	6.88					7.03	5.65	5.07		
3/9/22	4.72	5.48					5.30	4.79		5/9/22	7.07	9.90						6.56	6.57	7.01	7/9/22	5.61	6.85					6.69	6.17	4.89		
3/9/22	5.09	5.68					5.18	4.62		5/9/22	7.64	10.02						6.97	7.06	7.30	7/9/22	5.41	6.64					6.86	6.33	4.42		
3/9/22	4.85	5.49					4.90	4.19		5/9/22	8.04	9.32						7.11	7.27	7.56	8/9/22	4.57	7.03					6.29	5.74	4.27		
3/9/22	4.55	5.45					4.91	3.61		5/9/22	8.20	9.15						6.96	7.73	7.82	8/9/22	3.48	6.96					5.82	5.49	4.20		
3/9/22	4.47	5.22					5.01	3.83		5/9/22	8.35	9.66						6.80	6.32	8.17	8/9/22	3.17	6.61					5.66	5.03	4.38		
3/9/22	4.76	5.27					5.11	3.64		5/9/22	8.58	10.46						7.03	6.03	8.61	8/9/22	3.26	6.63					5.60	4.82	4.28		
3/9/22	5.40	5.40					5.28	3.24		5/9/22	8.43	10.52						7.38	6.67	7.99	8/9/22	3.32	6.40					5.64	4.44	4.49		
3/9/22	5.61	5.52					5.04	3.10		5/9/22	8.10	10.14						7.50	6.94	7.17	8/9/22	3.53	6.22					5.51	4.14	4.40		
3/9/22	6.08	5.75					4.93	2.90		5/9/22	8.06	8.63						7.38	7.00	6.87	8/9/22	3.49	6.12					5.76	3.95	3.93		
3/9/22	6.37	6.02					5.18	2.44		5/9/22	8.23	8.35						7.59	7.04	6.16	8/9/22	3.54	5.69					5.09	3.80	3.63		
3/9/22	6.83	6.05					5.38	3.14		5/9/22	7.32	8.84						7.55	6.80	5.89	8/9/22	3.38	5.80					5.48	3.48	3.57		
3/9/22	6.57	6.33					5.43	4.05		5/9/22	6.99	8.85						7.41	6.73	5.79	8/9/22	3.22	5.56					5.29	3.43	3.77		
3/9/22	7.18	6.54					5.94	4.28		5/9/22	7.19	8.55						7.35	6.90	5.63	8/9/22	3.34	5.70					4.87	3.78	3.56		
3/9/22	7.48	6.66					5.90	4.72		5/9/22	6.94	8.96						7.56	6.41	5.39	8/9/22	3.17	5.41					4.70	4.20	2.99		
3/9/22	8.04	6.61					5.67	4.99		5/9/22	6.89	9.15						7.35	6.19	5.33	8/9/22	2.99	5.34					4.97	4.33	2.98		
3/9/22	8.15	6.50																														

data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	ve1 mg/l		ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	ve1 mg/l	ve2 mg/l		ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l			
9/9/22	4.59	5.99					6.29	5.36	5.21		11/9/22	3.96	6.38						6.15	5.55	5.52		14/9/22	3.28	5.23							5.23	4.66	3.01	
9/9/22	4.86	6.06					6.70	5.80	5.65		11/9/22	3.91	6.26						6.15	5.64	5.51		14/9/22	3.29	5.41							5.73	4.84	3.13	
9/9/22	4.71	6.31					6.57	6.03	5.79		12/9/22	3.68	5.67						5.65	5.78	5.64		14/9/22	3.30	5.80							6.18	4.49	3.34	
9/9/22	4.70	6.64					6.49	6.54	5.99		12/9/22	3.88	5.65						5.80	5.83	5.58		14/9/22	3.40	6.04							6.07	4.70	3.42	
9/9/22	4.50	6.67					6.59	6.73	5.84		12/9/22	4.04	5.92						6.06	5.80	5.54		14/9/22	3.59	6.07							6.35	5.39	3.69	
9/9/22	4.38	6.89					6.68	6.66	5.57		12/9/22	3.83	6.47						5.99	5.50	5.48		14/9/22	3.76	6.27							6.21	6.01	3.82	
9/9/22	4.27	7.16					6.26	6.57	5.37		12/9/22	3.52	6.02						5.69	5.22	5.18		14/9/22	3.82	5.65							6.24	6.08	3.93	
9/9/22	3.62	7.12					6.36	6.55	5.39		12/9/22	3.44	6.32						5.98	5.26	4.90		14/9/22	3.91	5.37							6.39	5.80	4.04	
9/9/22	4.11	6.95					6.54	6.94	5.40		12/9/22	3.35	6.34						6.12	5.29	4.87		14/9/22	3.61	5.44							6.61	6.08	4.35	
9/9/22	4.58	6.65					6.65	6.19	5.36		12/9/22	3.02	6.12						6.04	4.94	4.69		14/9/22	3.88	5.37							6.72	6.05	4.50	
9/9/22	4.85	6.58					6.42	6.21	5.35		12/9/22	3.00	5.97						5.83	4.50	4.50		14/9/22	4.39	5.60							6.67	6.14	4.52	
9/9/22	4.74	6.38					6.42	6.04	5.42		12/9/22	3.10	6.02						5.37	4.29	4.15		14/9/22	4.56	5.39							6.73	6.17	4.53	
9/9/22	4.97	6.02					6.43	5.68	5.41		12/9/22	3.08	5.80						5.11	4.14	4.08		14/9/22	4.67	5.90							6.86	6.49	4.53	
9/9/22	4.84	5.78					5.96	5.61	5.42		12/9/22	2.53	5.52						4.48	3.87	4.02		14/9/22	4.93	6.25							7.01	6.59	4.76	
9/9/22	4.92	5.75					5.91	5.67	5.38		12/9/22	2.64	5.84						4.62	3.83	3.89		14/9/22	4.96	7.13							7.88	6.86	5.37	
9/9/22	5.10	5.69					5.95	5.73	4.99		12/9/22	2.71	5.82						5.00	3.86	3.84		14/9/22	4.67	7.52							8.18	7.10	5.65	
9/9/22	5.09	5.90					5.93	5.82	5.01		12/9/22	3.02	5.85						5.04	3.58	3.85		14/9/22	4.65	8.45							8.30	7.25	5.78	
9/9/22	4.88	5.80					5.86	5.80	5.09		12/9/22	2.95	5.79						5.31	3.73	3.74		14/9/22	4.67	8.37							8.21	7.27	5.67	
9/9/22	4.95	5.44					5.80	5.65	5.24		12/9/22	2.88	5.80						5.16	4.15	3.65		14/9/22	4.59	7.92							8.20	7.02	5.61	
9/9/22	4.98	5.17					5.72	5.64	5.24		12/9/22	2.60	5.35						5.58	4.36	3.74		14/9/22	4.63	7.70							7.81	6.62	5.33	
9/9/22	4.95	5.41					6.02	5.51	5.33		12/9/22	2.72	5.47						5.95	4.59	3.85		14/9/22	4.49	7.50							7.43	6.30	5.06	
10/9/22	6.06	6.03					5.87	5.71	5.22		12/9/22	2.98	5.56						5.95	5.04	3.82		14/9/22	4.40	7.32							6.92	5.76	4.79	
10/9/22	4.99	6.38					5.80	5.65	4.90		12/9/22	3.23	5.91						6.12	4.50	3.72		14/9/22	4.44	7.11							6.50	5.52	4.39	
10/9/22	4.75	5.97					5.66	5.34	4.80		12/9/22	3.49	5.81						6.36	4.69	3.83		14/9/22	4.16	7.10							6.51	5.49	4.15	
10/9/22	4.82	6.03					5.40	5.38	4.64		12/9/22	3.72	6.15						5.94	5.66	3.83		14/9/22	4.15	6.72							6.33	5.38	4.06	
10/9/22	4.74	6.01					5.35	5.15	4.48		12/9/22	4.01	6.15						6.04	6.73	3.81		14/9/22	4.48	6.42							6.13	5.63	3.84	
10/9/22	4.70	5.62					5.47	4.81	4.42		12/9/22	4.22	5.83						6.18	6.49	3.85		14/9/22	4.51	6.41							6.16	5.67	3.54	
10/9/22	4.47	5.77					5.40	4.45	4.31		12/9/22	3.48	5.99						6.12	6.31	4.29		14/9/22	4.29	6.28							6.23	5.44	3.53	
10/9/22	4.19	5.74					5.24	4.20	4.27		12/9/22	4.37	5.95						6.20	6.50	4.77		14/9/22	4.06	5.86							6.38	5.25	4.03	
10/9/22	3.98	5.51					5.43	3.96	4.28		12/9/22	4.63	6.01						6.43	6.20	4.96		14/9/22	3.88	5.83							6.09	5.34	4.44	
10/9/22	3.94	5.16					5.54	3.94	4.21		12/9/22	5.08	6.36						6.84	6.22	4.93		14/9/22	3.81	5.91							6.10	5.18	4.65	
10/9/22	3.78	5.26					5.17	4.25	4.03		12/9/22	5.53	6.46						6.81	6.43	4.96		15/9/22	3.66	5.81							5.95	5.10	4.80	
10/9/22	3.46	6.29					5.04	3.87	3.85		12/9/22	5.43	7.08						7.40	6.62	5.67		15/9/22	3.20	5.60							5.76	5.01	4.93	
10/9/22	3.32	5.23					5.15	3.64	3.68		12/9/22	5.16	8.16						7.61	6.76	5.90		15/9/22	3.28	5.67							5.71	4.83	5.02	
10/9/22	3.65	5.51					4.71	3.44	3.44		12/9/22	5.15	8.83						8.00	6.93	5.95		15/9/22	3.28	5.25							5.85	4.64	5.08	
10/9/22	3.59	5.48					4.64	3.87	3.30		12/9/22	5.24	9.10						8.30	6.81	6.04		15/9/22	3.53	5.43							5.78	4.63	5.08	
10/9/22	3.43	4.61					4.66	4.12	3.12		12/9/22	5.35	8.89						8.16	6.92	6.15		15/9/22	3.67	5.73							5.80	5.47	5.05	
10/9/22	3.66	4.93					4.84	4.37	3.07		12/9/22	5.23	8.75						8.06	6.80	6.11		15/9/22	3.63	5.59							5.79	4.18	4.94	
10/9/22	3.70	5.10					5.02	4.26	3.24		12/9/22	4.69	8.36						7.84	6.94	5.92		15/9/22	3.32	5.34							5.43	3.93	4.86	
10/9/22	4.09	5.19					5.11	4.45	3.26		12/9/22	4.62	8.16						7.46	6.43	5.86		15/9/22	3.25	5.55							5.14	4.25	4.70	
10/9/22	4.42	4.93					5.27	3.93	3.21		12/9/22	4.91	7.97						7.40	6.00	5.91		15/9/22	3.20	5.42							4.98	4.41	4.56	
10/9/22	4.55	4.93					5.38	4.50	3.29		12/9/22	4.87	7.80						7.21	5.86	5.97		15/9/22	3.28	5.24							4.87	4.44	4.47	
10/9/22	4.00	5.22					5.38	5.80	3.38		12/9/22	4.69	7.45						6.94	5.60	5.91		15/9/22	3.85	5.23							5.14	4.49	4.25	
10/9/22	4.55	5.07					5.43	5.66	3.38		12/9/22	5.22	7.33						6.97	6.08	5.72		15/9/22	4.17	5.31							5.08	4.49	3.82	
10/9/22	4.56	5.23					5.60	5.32	3.77		12/9/22	5.24	7.35						6.94	6.67	5.40		15/9/22	4.43	5.14							4.94	4.34	3.57	
10/9/22	4.38	5.09					5.52	5.46	4.30		12/9/22	5.24	6.48						7.05	6.22	5.53		15/9/22	4.51	5.29							4.99	4.37	3.46	
10/9/22	4.56	5.11					6.10	5.36	4.57		12/9/22	4.90	6.45						7.08	6.77	5.68		15/9/22	4.22	4.74							5.16	4.35	2.83	
10/9/22	5.02	5.33					6.15	5.43	4.80		12/9/22	4.62	6.46						6.89	6.51	5.53		15/9/22	4.35	4.83							5.			

data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	ve1 mg/l		ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	ve1 mg/l	ve2 mg/l		ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l			
16/9/22	4.66	6.87					7.19	6.61	5.22			19/9/22	4.79	5.37					6.60	5.84	5.52			21/9/22	6.25	6.96						7.18	8.85	7.46	
16/9/22	4.55	6.49					6.71	6.74	5.19			19/9/22	4.42	5.36					6.69	5.93	5.60			21/9/22	6.14	7.24						7.28	9.27	7.47	
16/9/22	4.42	6.36					6.58	6.61	5.00			19/9/22	4.32	5.34					6.47	6.49	5.65			21/9/22	6.06	7.61						7.45	8.89	7.35	
16/9/22	4.57	6.55					6.82	6.52	4.68			19/9/22	4.57	5.28					6.03	6.24	5.66			21/9/22	6.13	7.63						7.55	8.48	7.19	
16/9/22	4.11	6.39					6.89	6.29	4.57			19/9/22	4.38	5.40					5.95	6.36	5.67			21/9/22	6.31	7.68						7.78	8.54	7.03	
16/9/22	4.85	6.13					6.33	5.65	4.82			19/9/22	4.22	5.54					6.00	6.07	5.82			21/9/22	6.26	7.52						7.69	8.90	6.94	
16/9/22	5.13	6.14					6.43	5.42	4.53			19/9/22	4.06	5.46					5.98	5.81	5.95			21/9/22	6.48	7.45						7.90	8.83	6.85	
16/9/22	6.14	6.00					6.04	5.71	4.21			19/9/22	4.11	5.67					6.03	5.86	6.09			21/9/22	6.47	7.31						8.60	9.06	6.80	
16/9/22	6.64	6.00					6.14	5.97	4.21			19/9/22	4.41	5.65					5.96	5.91	6.05			21/9/22	6.65	7.13						8.56	8.87	6.65	
16/9/22	6.94	6.09					6.24	5.93	4.37			19/9/22	4.39	5.63					5.95	5.93	5.97			21/9/22	7.05	7.26						8.23	8.90	6.87	
16/9/22	6.71	6.03					6.33	6.04	4.38			19/9/22	5.03	5.57					5.99	5.97	5.91			21/9/22	7.04	7.20						7.65	9.01	7.44	
16/9/22	6.42	6.06					6.17	6.49	4.27			19/9/22	5.19	5.62					5.96	6.00	5.82			21/9/22	7.00	6.91						7.31	8.82	7.44	
17/9/22	6.35	5.97					6.10	6.71	4.24			19/9/22	5.37	5.61					5.85	6.05	5.82			21/9/22	7.01	7.00						7.13	8.64	7.61	
17/9/22	6.24	6.13					6.17	6.79	4.45			19/9/22	4.66	5.57					6.08	6.28	6.00			21/9/22	6.86	7.06						7.08	8.46	7.64	
17/9/22	5.90	6.13					6.07	6.51	4.72			19/9/22	4.51	5.81					6.19	6.32	6.25			21/9/22	6.77	6.88						6.99	8.37	7.32	
17/9/22	5.55	6.12					5.89	6.30	4.77			19/9/22	5.24	6.01					5.96	6.38	6.11			21/9/22	6.70	7.02						6.61	8.43	7.23	
17/9/22	5.07	6.03					5.59	6.27	4.77			19/9/22	5.31	6.06					6.37	6.50	6.43			21/9/22	7.02	6.91						6.43	8.32	6.95	
17/9/22	5.08	6.15					5.66	5.91	4.76			19/9/22	5.40	6.16					6.69	6.40	6.97			21/9/22	7.19	6.94						6.08	8.23	6.83	
17/9/22	5.33	6.25					5.74	5.70	4.89			19/9/22	5.57	6.23					6.80	6.63	7.29			21/9/22	6.98	7.09						6.19	8.25	6.73	
17/9/22	5.36	6.26					5.57	5.89	5.06			19/9/22	5.75	6.64					6.89	6.95	7.78			21/9/22	6.73	7.48						6.48	8.25	6.59	
17/9/22	5.25	6.23					5.28	5.64	5.34			19/9/22	5.93	6.75					7.34	7.60	7.99			21/9/22	5.65	7.45						6.64	8.17	6.43	
17/9/22	5.24	6.23					5.33	5.52	5.30			19/9/22	5.99	6.84					7.40	7.92	7.84			21/9/22	5.50	7.46						6.66	7.95	6.36	
17/9/22	5.34	6.21					5.43	5.83	5.16			19/9/22	6.07	6.92					7.47	8.28	7.62			22/9/22	5.49	7.10						7.07	7.96	6.26	
17/9/22	5.53	6.33					5.17	5.74	4.82			19/9/22	6.39	6.88					7.59	8.70	7.59			22/9/22	5.54	7.19						7.54	8.67	6.19	
17/9/22	5.46	6.36					5.27	5.73	4.49			19/9/22	6.51	6.89					7.91	8.95	7.55			22/9/22	5.20	7.24						7.12	7.57	6.19	
17/9/22	5.38	6.23					5.45	5.80	4.22			19/9/22	6.85	7.00					8.10	9.29	7.52			22/9/22	4.89	6.61						7.10	7.29	6.17	
17/9/22	5.31	6.37					5.25	5.83	4.23			19/9/22	6.69	7.10					8.38	8.78	7.54			22/9/22	4.90	6.96						7.28	7.39	6.01	
17/9/22	5.49	6.47					5.27	5.79	4.91			19/9/22	6.49	7.00					8.72	8.49	7.67			22/9/22	4.83	6.92						7.08	7.09	5.98	
17/9/22	5.66	6.48					5.32	5.84	4.99			19/9/22	6.34	6.92					8.84	8.53	7.50			22/9/22	4.91	6.83						6.82	6.73	5.85	
17/9/22	5.68	6.54					5.34	5.90	4.99			19/9/22	6.31	6.87					9.13	8.71	7.22			22/9/22	4.68	6.58						7.03	6.37	5.76	
17/9/22	5.60	6.56					5.42	5.86	5.01			19/9/22	6.02	6.84					8.86	8.55	7.06			22/9/22	4.72	6.60						6.92	6.22	5.63	
17/9/22	5.59	6.60					5.37	5.88	4.75			19/9/22	5.84	6.97					8.72	8.16	7.14			22/9/22	5.23	6.62						6.31	6.52	5.50	
17/9/22	5.58	6.58					5.46	5.91	4.84			19/9/22	5.86	6.88					8.51	7.76	7.31			22/9/22	5.80	6.88						6.53	6.40	5.53	
17/9/22	5.53	6.61					5.56	5.81	5.08			19/9/22	5.87	6.70					8.32	7.42	7.28			22/9/22	6.59	7.04						6.24	6.43	5.69	
17/9/22	5.57	6.57					5.51	5.69	5.15			19/9/22	5.64	6.53					8.00	7.25	7.03			22/9/22	7.38	6.84						6.04	6.58	5.95	
17/9/22	5.48	6.58					5.88	5.40	5.14			19/9/22	5.26	6.86					7.83	6.98	6.89			22/9/22	7.70	6.43						5.92	6.46	6.23	
17/9/22	5.49	6.52					5.90	5.34	5.15			19/9/22	5.15	6.70					7.61	7.05	6.94			22/9/22	7.45	6.47						6.09	6.66	6.20	
17/9/22	4.90	6.42					5.93	5.15	5.15			19/9/22	5.27	6.82					7.28	7.48	7.18			22/9/22	6.54	6.69						6.23	6.69	6.13	
17/9/22	4.63	6.37					5.90	5.10	5.20			19/9/22	5.68	6.81					7.13	7.34	7.04			22/9/22	6.52	6.66						6.19	6.61	6.11	
17/9/22	4.69	6.32					5.82	5.18	5.26			19/9/22	5.26	6.77					7.43	7.07	6.42			22/9/22	6.73	6.83						6.19	6.43	6.14	
17/9/22	4.56	6.37					5.87	5.20	5.33			19/9/22	5.13	6.64					7.70	7.28	5.97			22/9/22	6.77	6.82						6.29	6.68	6.19	
17/9/22	4.71	6.51					6.02	5.16	5.36			20/9/22	5.42	6.44					7.34	6.78	5.80			22/9/22	6.75	6.77						6.40	6.74	6.22	
17/9/22	4.89	6.19					6.02	5.27	5.22			20/9/22	5.47	5.92					7.11	6.69	5.49			22/9/22	6.60	6.58						6.44	6.64	6.20	
17/9/22	5.48	6.35					6.13	5.63	5.37			20/9/22	5.67	5.56					6.97	6.67	5.24			22/9/22	6.16	6.63						6.50	6.75	6.13	
17/9/22	5.64	6.75					6.09	5.83	5.80			20/9/22	5.57	5.40					6.87	6.84	5.25			22/9/22	6.26	6.70						6.67	6.73	6.05	
17/9/22	5.43	6.84					6.20	5.73	6.40			20/9/22	5.62	5.51					6.50	6.77	5.68			22/9/22	6.50	7.11						6.83	7.94	6.08	
17/9/22	5.19	6.61					6.45	5.53	6.19			20/9/22	5.56	5.69					6.39	6.63	6.10			22/9/22	6.68	7.52						7.03	8.74	6.44	
17/9/22	4.98	7.05					6.55	5.68	5.47			20/9/22	5.69	6.06					6.31	6.17	6.27			22/9/22	7.08	7.55									

data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2	
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l		ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l				
23/9/22	7.39	6.90						6.80	7.84	6.34		26/9/22	4.17	5.83										28/9/22	5.49	3.10								7.35	5.26	6.39
23/9/22	7.32	6.88						6.67	7.61	6.44		26/9/22	4.14	6.04										28/9/22	5.27	3.39								7.33	5.49	6.28
23/9/22	7.29	6.66						6.67	7.42	6.45		26/9/22	4.11	6.10										28/9/22	4.93	3.18								7.40	5.68	6.23
24/9/22	7.26	6.72						6.86	7.55	6.32		26/9/22	4.20	6.06										28/9/22	5.03	3.12								7.19	5.96	6.15
24/9/22	6.61	6.85						6.82	7.56	6.06		26/9/22	4.30	5.85										28/9/22	5.27	2.92								7.04	5.78	6.05
24/9/22	6.00	6.91						6.27	7.63	6.09		26/9/22	4.59	5.74										28/9/22	5.32	3.25								7.01	5.74	5.88
24/9/22	5.72	6.69						6.16	8.18	6.33		26/9/22	4.89	5.72										28/9/22	5.50	6.33								6.97	5.33	5.69
24/9/22	5.33	6.76						6.18	7.88	6.45		26/9/22	5.06	6.25										28/9/22	5.56	6.33								7.00	5.15	5.79
24/9/22	5.12	6.62						6.08	7.36	6.56		26/9/22	5.49	6.24										28/9/22	5.68	6.03								7.03	5.10	5.97
24/9/22	5.15	6.68						5.93	7.05	6.43		26/9/22	4.99	6.24										28/9/22	5.67	6.23								6.78	5.32	6.14
24/9/22	4.90	6.93						5.87	6.91	6.13		26/9/22	4.83	6.24										28/9/22	5.53	6.34								6.80	5.44	6.25
24/9/22	4.84	6.89						5.86	6.57	6.00		26/9/22	4.93	6.33										28/9/22	5.50	6.39								6.91	5.41	6.26
24/9/22	4.59	6.55						6.02	6.41	5.88		26/9/22	4.93	6.60										28/9/22	5.36	6.37								6.98	5.21	6.23
24/9/22	4.74	6.58						5.90	6.23	5.80		26/9/22	5.03	6.87										29/9/22	5.27	5.92								7.07	5.29	6.24
24/9/22	4.58	6.63						5.83	6.04	5.69		26/9/22	5.21	6.87										29/9/22	5.22	5.82								6.88	5.27	6.30
24/9/22	4.65	6.58						5.67	6.18	5.52		26/9/22	5.36	7.03										29/9/22	5.22	5.85								6.54	5.38	6.23
24/9/22	4.90	6.42						5.57	6.59	5.66		26/9/22	5.37	7.05										29/9/22	5.55	5.66								6.38	5.31	6.14
24/9/22	5.31	6.09						5.75	6.36	5.84		26/9/22	5.43	6.98										29/9/22	5.92	5.86								6.12	4.90	6.17
24/9/22	5.36	6.05						5.97	6.39	5.89		26/9/22	5.39	6.87										29/9/22	5.83	6.18								6.34	4.84	6.16
24/9/22	5.71	6.09						6.01	6.61	5.90		26/9/22	5.23	6.90										29/9/22	6.09	6.21								6.43	5.07	5.96
24/9/22	5.94	6.31						5.83	6.66	6.02		26/9/22	5.12	6.98										29/9/22	5.92	6.31								6.27	5.05	5.92
24/9/22	6.10	6.42						5.71	6.22	6.05		26/9/22	5.33	6.82										29/9/22	5.40	6.33								6.05	5.18	5.83
24/9/22	6.16	6.27						5.77	5.90	5.92		26/9/22	5.58	6.54										29/9/22	5.46	6.48								5.88	5.10	5.74
24/9/22	6.23	5.90						5.76	6.12	5.78		26/9/22	5.61	6.35										29/9/22	5.11	6.55								5.68	4.95	5.60
24/9/22	6.16	6.44						5.91	6.30	5.67		26/9/22	5.58	6.20										29/9/22	4.71	6.57								5.50	4.65	5.43
24/9/22	6.36	6.68						6.06	6.59	5.80		26/9/22	5.73	5.71										29/9/22	4.65	6.46								5.34	3.62	5.40
24/9/22	6.31	6.75						6.36	6.86	5.91		26/9/22	5.79	5.93										29/9/22	4.64	6.45								5.38	2.90	5.41
24/9/22	6.20	6.78						6.55	6.79	6.00		26/9/22	5.72	6.23										29/9/22	4.40	6.46								5.34	2.58	5.28
24/9/22	5.10	6.92						6.38	6.68	6.18		26/9/22	5.72	6.19										29/9/22	4.58	6.40								5.32	2.89	5.16
24/9/22	5.03	7.18						6.73	7.14	6.45		26/9/22	5.66	6.21										29/9/22	4.74	6.24								5.55	3.10	5.25
24/9/22	4.99	7.34						6.93	8.40	6.55		26/9/22	5.66	5.99										29/9/22	5.02	6.14								5.70	2.94	5.24
24/9/22	5.04	7.54						6.86	8.12	6.72		26/9/22	5.65	5.99										29/9/22	5.29	5.80								5.75	2.75	5.19
24/9/22	5.35	7.40						7.05	8.00	6.60		27/9/22	5.55	5.70										29/9/22	5.33	5.85								5.91	3.23	5.31
24/9/22	5.67	7.45						6.95	7.87	6.70		27/9/22	5.74	5.50										29/9/22	5.39	6.16								6.11	3.53	5.41
24/9/22	5.45	7.27						6.86	8.25	7.02		27/9/22	5.57	5.87										29/9/22	5.55	6.09								6.15	3.45	5.57
24/9/22	5.43	7.33						6.74	8.00	7.08		27/9/22	5.27	5.94										29/9/22	5.68	6.18								6.16	3.13	5.66
24/9/22	5.35	7.35						6.74	7.73	6.88		27/9/22	5.03	6.13										29/9/22	5.77	6.32								6.29	3.13	5.87
24/9/22	5.30	7.37						7.42	7.62	6.74		27/9/22	5.00	5.97										29/9/22	5.87	6.09								6.27	3.22	6.23
24/9/22	5.31	7.06						7.09	7.64	6.57		27/9/22	4.96	6.23										29/9/22	6.10	6.03								6.20	3.36	6.27
24/9/22	5.47	7.12						6.85	7.69	6.35		27/9/22	4.89	6.14										29/9/22	6.52	6.01								6.25	3.46	6.12
24/9/22	5.54	6.88						6.98	7.40	6.19		27/9/22	4.48	6.19										29/9/22	6.21	5.91								6.45	3.45	6.00
24/9/22	5.78	6.67						6.92	7.29	6.60		27/9/22	4.52	6.28										29/9/22	6.00	5.84								6.75	3.52	6.28
24/9/22	5.86	6.40						6.67	6.87	6.80		27/9/22	4.49	6.16										29/9/22	6.03	6.18								7.00	3.65	6.38
24/9/22	6.57	6.33						6.50	6.71	6.92		27/9/22	4.45	6.40										29/9/22	5.91	6.26								7.27	3.65	6.38
24/9/22	6.96	6.52						6.53	6.55	6.84		27/9/22	4.24	6.41										29/9/22	6.11	6.56								7.77	3.47	6.59
24/9/22	6.86	6.31						6.45	6.51	6.47		27/9/22	4.26	6.50										29/9/22	6.00	6.35								8.00	4.08	6.68
24/9/22	6.48	6.54						6.32	6.07	6.37		27/9/22	4.39	6.30										29/9/22	6.25	6.68								8.04	4.17	6.72
24/9/22	6.52	6.55						6.51	5.78	6.35		27/9/22	4.52	6.20										29/9/22	6.16	6.54								7.66	4.92	6.73
24/9/22	6.50	6.29						6.28	5.45	6.20		27/9/22	4.54	5.99										29/9/22	5.97	6.46								7.15	4.84	6.56
24/9/22	6.84	6.10						6.20	5.20	6.																										

[illegible]

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1	ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1	ENC2	ENC4	PC1	EC	PC2	
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l
8/10/22	4.57	5.84							6.04		10/10/22	6.02	7.59							7.02		13/10/22	9.03	5.38							7.19
8/10/22	4.69	5.83							6.32		10/10/22	5.83	7.36							6.85		13/10/22	8.91	6.09							7.01
8/10/22	5.05	5.78							6.51		10/10/22	5.97	7.03							6.62		13/10/22	7.73	6.20							6.71
8/10/22	5.93	5.33							6.68		10/10/22	6.17	7.07							6.42		13/10/22	6.42	5.95							6.87
8/10/22	6.58	5.20							6.58		10/10/22	6.25	6.96							6.21		13/10/22	6.01	6.02							6.64
8/10/22	6.84	5.62							6.56		10/10/22	6.13	6.84							5.99		13/10/22	5.69	5.91							6.32
8/10/22	7.17	6.16							6.51		10/10/22	5.98	6.55							6.17		13/10/22	5.47	5.93							6.08
8/10/22	7.59	6.20							6.48		10/10/22	5.87	6.32							6.62		13/10/22	5.36	6.01							5.91
8/10/22	7.83	6.16							6.61		10/10/22	5.79	6.40							6.91		13/10/22	5.71	5.90							5.70
8/10/22	6.92	6.16							6.70		10/10/22	5.76	6.62							7.09		13/10/22	6.52	5.82							5.46
8/10/22	6.89	6.32							6.82		10/10/22	5.68	6.76							7.22		13/10/22	7.04	5.90							5.52
8/10/22	6.94	6.17							7.24		10/10/22	5.46	6.66							7.27		13/10/22	7.44	5.86							5.65
8/10/22	6.31	6.85							7.71		10/10/22	5.34	6.19							7.29		13/10/22	7.78	5.75							5.88
8/10/22	6.02	6.70							7.95		10/10/22	5.79	6.19							7.19		13/10/22	7.99	6.04							6.15
8/10/22	6.00	6.89							8.04		11/10/22	6.18	5.77							7.12		13/10/22	8.12	6.21							6.39
8/10/22	5.93	6.95							7.97		11/10/22	6.45	5.78							6.92		13/10/22	8.27	6.19							6.56
8/10/22	5.92	6.90							7.56		11/10/22	6.70	5.69							6.86		13/10/22	8.01	6.14							6.67
8/10/22	6.46	6.99							7.50		11/10/22	6.15	6.03							6.87		13/10/22	7.74	6.12							6.54
8/10/22	6.52	7.03							7.18		11/10/22	5.82	5.96							6.77		13/10/22	7.62	6.22							6.51
8/10/22	6.51	7.05							6.84		11/10/22	5.25	6.18							6.74		13/10/22	8.53	6.41							6.50
8/10/22	6.55	7.20							6.67		11/10/22	5.01	6.16							6.61		13/10/22	8.84	6.34							6.51
8/10/22	6.64	6.98							6.40		11/10/22	5.02	6.52							6.44		13/10/22	8.89	6.41							6.56
8/10/22	6.32	6.80							6.14		11/10/22	5.11	6.69							6.31		13/10/22	8.05	6.40							6.85
8/10/22	5.94	6.38							6.66		11/10/22	5.17	6.54							5.91		13/10/22	7.76	6.48							7.11
8/10/22	5.69	6.04							7.23		11/10/22	4.93	6.38							5.62		13/10/22	7.65	6.92							7.25
8/10/22	5.52	5.64							7.62		11/10/22	4.95	6.34							5.58		13/10/22	7.50	6.84							7.49
8/10/22	5.99	6.10							7.80		11/10/22	4.91	6.32							5.49		13/10/22	6.90	7.14							7.64
8/10/22	6.30	6.54							7.89		11/10/22	4.84	6.20							5.34		13/10/22	6.41	7.17							7.63
8/10/22	6.49	6.46							7.87		11/10/22	4.74	6.26							5.12		13/10/22	6.02	7.30							7.52
8/10/22	6.56	6.20							7.78		11/10/22	4.81	6.15							5.22		13/10/22	5.87	7.01							7.54
8/10/22	7.03	6.08							7.52		11/10/22	5.06	5.98							5.59		13/10/22	5.67	6.64							7.35
8/10/22	6.96	5.78							7.30		11/10/22	5.31	6.17							5.67		13/10/22	5.29	6.49							7.07
8/10/22	6.63	5.80							6.98		11/10/22	5.96	6.25							5.90		13/10/22	5.13	6.71							6.93
9/10/22	6.02	6.30							7.09		11/10/22	6.55	6.25							6.11		13/10/22	4.92	7.01							6.86
9/10/22	6.56	6.37							7.00		11/10/22	6.72	5.94							6.29		13/10/22	5.15	6.91							6.72
9/10/22	5.37	5.88							6.90		11/10/22	6.81	5.71							6.31		13/10/22	5.30	6.95							6.56
9/10/22	4.75	6.15							6.95		11/10/22	6.63	5.89							6.31		13/10/22	5.45	6.59							6.35
9/10/22	4.56	6.32							6.89		11/10/22	7.81	6.01							6.31		13/10/22	5.54	6.72							6.00
9/10/22	4.91	6.27							6.62		11/10/22	7.99	6.16							6.41		13/10/22	5.59	6.33							5.94
9/10/22	4.93	6.28							6.38		11/10/22	6.95	6.11							6.38		13/10/22	5.58	5.97							6.27
9/10/22	4.75	6.02							6.01		11/10/22	6.74	5.98							6.57		13/10/22	5.57	5.64							6.90
9/10/22	4.39	6.46							5.64		11/10/22	6.64	6.23							6.76		13/10/22	5.58	5.57							7.27
9/10/22	4.20	6.14							5.48		11/10/22	6.71	6.67							6.77		13/10/22	5.65	5.75							7.50
9/10/22	4.43	6.15							5.43		11/10/22	6.21	6.90							7.13		14/10/22	5.63	5.82							7.53
9/10/22	4.57	6.44							5.24		11/10/22	6.11	6.87							7.24		14/10/22	5.76	5.81							7.62
9/10/22	4.40	6.62							4.83		11/10/22	5.87	6.92							7.54		14/10/22	6.37	5.68							7.66
9/10/22	4.14	6.36							4.77		11/10/22	5.62	6.76							7.33		14/10/22	6.72	5.53							7.66
9/10/22	3.63	5.66							5.10		11/10/22	5.46	6.73							7.49		14/10/22	6.43	5.38							7.52
9/10/22	4.00	5.60							5.39		11/10/22	5.48	6.57							7.42		14/10/22	5.77	5.71							7.30
9/10/22	4.32	5.73							5.73		11/10/22	5.28	6.67							7.15		14/10/22	6.20	5.58							6.98
9/10/22	5.35	5.83							5.91		11/10/22	5.15	6.85							6.91		14/10/22	5.79	5.81							6.81
9/10/22	5.97	5.85							6.17		11/10/22	5.23	6.99							6.72		14/10/22	5.47	5.55							6.83
9/10/22	5.85	5.73							6.43		11/10/22	5.31	7.05							6.51		14/10/22	4.98	5.66							6.74
9/10/22	6.32	5.37							6.46		11/10/22	5.31	6.88							6.32		14/10/22	4.68	5.76							6.87
9/10/22	6.76	5.41							6.41		11/10/22	5.60	6.72							5.95		14/10/22	4.44	5.70							6.73
9/10/22	6.95	5.98							6.41		11/10/22	5.68	6.52							5.82		14/10/22	4.37	5.98							6.48
9/10/22	7.21	6.11							6.45		11/10/22	5.63	5.86							6.38		14/10/22	4.24	6.08							6.24
9/10/22	7.75	6.07							6.55		11/10/22	5.56	5.67							7.10</											

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1	ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1	ENC2	ENC4	PC1	EC	PC2	
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l
15/10/22	9.22	6.43							6.85		17/10/22	6.96	6.56							5.25		20/10/22	4.71	6.06							6.52
15/10/22	9.01	6.51							6.83		17/10/22	6.78	6.79							4.91		20/10/22	4.79	6.39							6.68
15/10/22	8.93	6.54							6.84		17/10/22	6.54	6.55							4.78		20/10/22	4.89	6.46							6.48
15/10/22	9.31	6.57							7.14		17/10/22	6.36	6.26							4.63		20/10/22	5.37	6.38							6.41
15/10/22	9.52	6.82							7.46		17/10/22	6.08	5.93							4.36		20/10/22	6.03	5.95							6.37
15/10/22	9.64	6.78							7.76		18/10/22	5.79	5.20							4.06		20/10/22	6.39	6.58							6.30
15/10/22	8.57	6.90							7.78		18/10/22	5.66	5.17							4.19		20/10/22	9.00	6.83							6.30
15/10/22	8.41	7.06							7.91		18/10/22	5.81	5.80							4.23		20/10/22	9.76	6.96							6.30
15/10/22	8.30	6.98							8.03		18/10/22	6.17	5.78							4.13		20/10/22	8.26	6.98							6.53
15/10/22	7.76	6.71							8.01		18/10/22	6.25	6.13							3.77		20/10/22	7.12	7.27							6.74
15/10/22	6.58	6.72							7.86		18/10/22	6.27	6.02							3.76		20/10/22	5.66	7.33							6.98
15/10/22	6.14	6.58							7.68		18/10/22	6.21	6.03							4.29		20/10/22	5.00	7.32							7.07
15/10/22	5.87	6.35							7.28		18/10/22	6.14	5.76							5.18		20/10/22	5.15	7.16							7.44
15/10/22	5.54	6.51							6.93		18/10/22	5.94	5.43							4.92		20/10/22	5.62	7.46							7.91
15/10/22	6.82	6.28							6.56		18/10/22	5.73	5.56							5.28		20/10/22	5.72	7.51							8.18
15/10/22	5.01	6.33							6.41		18/10/22	5.71	5.45							5.59		20/10/22	6.32	7.63							8.12
15/10/22	6.08	6.16							6.14		18/10/22	5.72	5.34							6.02		20/10/22	6.07	7.36							7.70
15/10/22	6.14	5.90							6.09		18/10/22	5.73	5.33							6.40		20/10/22	6.87	7.32							7.35
15/10/22	6.52	5.53							5.90		18/10/22	5.63	5.26							6.68		20/10/22	7.70	7.11							7.09
15/10/22	6.68	5.79							5.70		18/10/22	5.61	5.28							6.98		20/10/22	8.20	7.01							6.73
15/10/22	6.57	5.96							5.74		18/10/22	5.81	5.66							7.10		20/10/22	8.39	6.80							6.99
15/10/22	6.96	5.56							6.00		18/10/22	5.92	5.50							7.15		20/10/22	8.46	7.01							7.52
15/10/22	7.41	5.12							6.65		18/10/22	5.90	5.78							7.16		20/10/22	8.26	6.78							7.75
15/10/22	7.04	5.18							6.67		18/10/22	5.90	5.82							7.07		20/10/22	8.04	6.75							7.91
16/10/22	6.84	5.11							6.89		18/10/22	5.73	5.96							6.90		20/10/22	7.82	7.25							7.93
16/10/22	6.87	5.28							7.11		18/10/22	5.50	5.99							6.71		20/10/22	7.60	7.06							7.85
16/10/22	6.76	5.27							7.43		18/10/22	4.58	6.21							6.46		20/10/22	7.59	7.16							7.66
16/10/22	6.92	5.42							7.55		18/10/22	4.57	6.15							6.73		20/10/22	7.75	7.23							7.49
16/10/22	7.42	5.35							7.61		18/10/22	4.49	6.34							6.82		20/10/22	8.02	7.34							7.31
16/10/22	6.69	5.28							7.67		18/10/22	4.64	6.13							6.76		20/10/22	8.18	7.44							7.15
16/10/22	6.79	5.21							7.57		18/10/22	4.22	6.12							7.23		20/10/22	7.78	7.51							6.97
16/10/22	6.34	5.39							7.35		18/10/22	3.98	6.26							7.38		20/10/22	6.75	7.49							6.84
16/10/22	5.89	5.63							7.16		18/10/22	4.10	6.37							7.44		20/10/22	6.01	7.42							6.86
16/10/22	5.50	5.68							6.98		18/10/22	4.38	6.32							7.44		20/10/22	5.85	7.00							6.89
16/10/22	4.97	5.50							6.81		18/10/22	4.76	6.49							7.03		21/10/22	5.77	6.93							6.98
16/10/22	4.70	5.52							6.77		18/10/22	5.08	6.47							6.73		21/10/22	5.57	6.52							6.91
16/10/22	4.67	5.65							6.93		18/10/22	5.16	6.53							7.11		21/10/22	5.43	6.37							6.55
16/10/22	4.59	5.73							6.96		18/10/22	5.47	6.63							7.19		21/10/22	5.22	6.57							6.05
16/10/22	4.61	5.86							6.85		18/10/22	5.05	6.91							7.17		21/10/22	4.87	6.36							5.66
16/10/22	4.72	5.73							6.57		18/10/22	4.84	6.51							7.56		21/10/22	4.61	6.18							5.56
16/10/22	5.01	5.77							6.41		18/10/22	4.62	6.67							7.75		21/10/22	4.63	6.44							5.45
16/10/22	5.27	5.70							6.29		18/10/22	4.67	6.69							8.04		21/10/22	4.82	6.97							5.25
16/10/22	6.12	5.85							6.36		18/10/22	4.98	6.57							8.02		21/10/22	4.92	7.03							4.78
16/10/22	6.86	5.75							6.52		18/10/22	4.93	6.55							7.97		21/10/22	4.97	6.84							4.45
16/10/22	7.33	5.68							6.63		18/10/22	4.69	6.50							7.92		21/10/22	4.89	6.15							4.58
16/10/22	7.63	5.66							6.70		18/10/22	4.90	6.64							7.67		21/10/22	4.89	5.99							4.85
16/10/22	7.85	5.92							6.72		18/10/22	5.25	6.68							6.87		21/10/22	5.95	5.91							5.02
16/10/22	7.78	6.16							6.70		18/10/22	4.68	7.04							7.06		21/10/22	6.48	6.08							5.43
16/10/22	7.63	6.04							6.75		18/10/22	4.24	6.99							7.26		21/10/22	6.48	6.27							6.01
16/10/22	7.63	6.30							6.83		18/10/22	4.70	6.53							7.13		21/10/22	6.62	6.35							6.09
16/10/22	8.54	6.28							6.61		18/10/22	5.57	6.15							6.60		21/10/22	6.85	6.35							6.14
16/10/22	9.29	6.50							6.65		18/10/22	5.46	5.90							6.52		21/10/22	7.11	6.45							6.15
16/10/22	9.64	6.58							7.17		18/10/22	5.48	5.51							6.23		21/10/22	7.19	5.84							6.17
16/10/22	8.57	6.79							7.40		19/10/22	5.38	5.44							6.09		21/10/22	7.31	5.86							6.24
16/10/22	7.82	6.81							7.29		19/10/22	5.19	6.24							5.79		21/10/22	7.25	5.96							6.34
16/10/22	7.42	7.06							7.26		19/10/22	4.98	6.87							5.45		21/10/22	6.63	6.16							6.42
16/10/22	7.12	7.01							7.10		19/10/22	4.90	7.66							5.11		21/10/22	6.97	6.60							6.48
16/10/22	7.11	6.76							6.91		19																				

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2		data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2		data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	ve1 mg/l		ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	ve1 mg/l	ve2 mg/l		ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l			
22/10/22	6.10	6.94							5.91		25/10/22	5.80	5.34							6.30		27/10/22	6.24	5.19										5.19	
22/10/22	6.21	6.60							5.78		25/10/22	5.60	5.68							6.22		27/10/22	6.08	5.49										5.32	
22/10/22	6.16	6.56							5.51		25/10/22	5.49	5.67							6.11		27/10/22	5.61	5.43										5.28	
22/10/22	6.05	6.38							5.14		25/10/22	5.48	5.95							6.03		27/10/22	5.62	5.22										5.27	
22/10/22	6.13	6.16							5.14		25/10/22	5.49	5.87							5.83		27/10/22	5.08	5.29										5.25	
22/10/22	6.64	6.18							5.72		25/10/22	5.54	5.81							5.60		27/10/22	4.88	5.78										5.57	
22/10/22	7.02	6.27							6.00		25/10/22	5.46	5.91							5.29		27/10/22	5.47	5.84										5.79	
22/10/22	7.13	6.57							6.23		25/10/22	5.40	6.02							5.06		27/10/22	6.09	6.09										6.04	
22/10/22	7.12	6.65							6.29		25/10/22	5.23	5.94							4.69		27/10/22	6.34	6.04										5.93	
22/10/22	7.12	6.55							6.34		25/10/22	5.27	5.92							4.01		27/10/22	6.30	5.85										5.92	
22/10/22	7.08	6.58							6.34		25/10/22	5.24	5.55							4.22		27/10/22	6.22	5.90										6.05	
22/10/22	7.18	6.13							6.36		25/10/22	5.28	5.59							4.61		27/10/22	6.07	5.70										6.08	
22/10/22	7.16	6.18							6.27		25/10/22	5.33	5.81							4.88		27/10/22	5.81	5.67										5.99	
22/10/22	6.55	6.77							6.16		25/10/22	5.43	5.75							5.18		27/10/22	5.87	5.68										5.87	
22/10/22	6.70	6.48							5.88		25/10/22	5.61	5.66							5.42		27/10/22	5.95	6.00										5.38	
23/10/22	6.71	6.49							5.91		25/10/22	5.87	5.64							5.56		27/10/22	6.03	5.95										5.33	
23/10/22	6.51	6.69							5.79		25/10/22	5.93	5.17							5.70		27/10/22	6.07	6.06										5.32	
23/10/22	6.23	6.68							5.72		25/10/22	5.86	5.08							5.82		27/10/22	5.97	5.78										5.10	
23/10/22	6.13	6.31							5.69		25/10/22	5.84	4.90							6.04		27/10/22	5.91	5.63										4.67	
23/10/22	5.78	6.27							5.51		25/10/22	5.86	5.28							6.07		27/10/22	5.81	4.98										4.51	
23/10/22	5.47	6.13							5.30		25/10/22	5.84	5.63							6.09		27/10/22	5.55	4.89										4.81	
23/10/22	5.34	6.02							5.09		25/10/22	6.41	5.89							6.15		27/10/22	5.39	4.74										5.18	
23/10/22	5.24	5.70							4.79		25/10/22	5.81	6.19							6.27		27/10/22	5.30	4.49										5.66	
23/10/22	4.97	5.78							4.64		25/10/22	5.84	6.55							6.38		27/10/22	5.19	4.61										5.94	
23/10/22	5.07	5.88							4.33		25/10/22	5.79	6.53							6.66		27/10/22	5.22	4.92										6.18	
23/10/22	5.24	5.85							3.99		25/10/22	6.07	7.01							6.64		28/10/22	5.22	4.53										6.31	
23/10/22	5.24	6.11							3.45		25/10/22	6.07	7.05							6.54		28/10/22	5.28	4.13										6.28	
23/10/22	5.56	5.63							3.29		25/10/22	6.17	7.16							6.51		28/10/22	5.37	4.44										6.41	
23/10/22	5.88	5.58							3.53		25/10/22	6.14	7.26							6.38		28/10/22	4.90	4.56										6.40	
23/10/22	6.02	5.82							3.88		25/10/22	6.06	6.97							6.33		28/10/22	5.55	4.68										6.12	
23/10/22	6.27	5.98							4.17		25/10/22	5.87	6.83							6.24		28/10/22	5.16	4.87										5.82	
23/10/22	6.40	6.10							4.35		25/10/22	5.77	6.60							6.08		28/10/22	5.35	5.04										5.39	
23/10/22	6.41	6.03							4.55		25/10/22	5.83	6.39							5.83		28/10/22	5.07	5.08										5.29	
23/10/22	6.45	5.73							4.82		25/10/22	5.89	6.42							5.58		28/10/22	4.89	5.24										5.35	
23/10/22	6.45	5.37							4.88		25/10/22	6.01	6.38							5.39		28/10/22	4.83	4.86										5.56	
23/10/22	6.58	5.43							5.20		25/10/22	6.09	6.43							4.91		28/10/22	4.86	4.92										5.64	
23/10/22	6.31	5.71							5.43		25/10/22	6.05	5.77							4.84		28/10/22	4.90	5.26										5.48	
23/10/22	6.22	5.73							5.58		25/10/22	5.99	5.82							5.24		28/10/22	4.72	5.51										5.26	
23/10/22	6.21	5.86							5.74		25/10/22	5.88	5.85							5.63		28/10/22	4.71	5.39										4.88	
23/10/22	6.37	5.96							5.87		25/10/22	5.87	6.18							6.14		28/10/22	4.67	5.51										4.31	
23/10/22	6.33	6.16							6.25		25/10/22	5.80	6.19							6.40		28/10/22	4.57	5.31										3.68	
23/10/22	5.66	6.38							6.35		25/10/22	5.70	6.26							6.63		28/10/22	4.69	5.04										4.30	
23/10/22	5.09	6.58							6.53		25/10/22	5.73	5.83							6.75		28/10/22	4.92	4.84										4.68	
23/10/22	5.42	7.03							6.45		25/10/22	6.02	5.48							6.73		28/10/22	5.24	4.96										4.84	
23/10/22	6.48	7.19							6.34		26/10/22	5.97	5.62							6.58		28/10/22	5.61	5.18										4.99	
23/10/22	6.60	7.14							6.15		26/10/22	5.94	5.61							6.49		28/10/22	6.03	5.13										5.21	
23/10/22	6.39	7.05							6.01		26/10/22	7.01	5.64							6.31		28/10/22	6.36	5.10										5.33	
23/10/22	6.18	6.89							5.92		26/10/22	6.34	5.66							6.15		28/10/22	6.71	5.02										5.55	
23/10/22	5.99	6.91							5.85		26/10/22	5.41	5.71							6.00		28/10/22	7.18	5.33										5.63	
23/10/22	6.20	6.77							5.70		26/10/22	5.08	5.56							5.96		28/10/22	7.97	5.61										5.66	
23/10/22	6.36	6.62							5.39		26/10/22	4.95	5.60							5.99		28/10/22	7.49	5.63										5.68	
23/10/22	6.47	6.51							5.19		26/10/22	4.84	5.71							5.96		28/10/22	6.49	5.48										5.57	
23/10/22	6.35	6.39							4.90		26/10/22	4.98	5.66							5.90		28/10/22	5.94	5.52										5.34	
23/10/22	6.10	6.01							5.12		26/10/22	4.94	5.61							5.60		28/10/22	5.64	5.63										5.89	
23/10/22	5.91	5.95							5.43		26/10/22	4.83	5.48							5.32		28/10/22	5.14	5.65											

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l
29/10/22	5.26	5.08						7.10	5.30		1/11/22	6.31	4.15						7.84	5.78		3/11/22	7.54	5.68						11.14	5.58	
29/10/22	5.28	5.17						7.03	4.81		1/11/22	6.71	4.39						7.68	5.88		3/11/22	7.85	5.63						10.84	5.74	
29/10/22	5.16	4.94						7.53	4.42		1/11/22	5.85	4.26						7.48	5.91		3/11/22	7.31	5.63						10.29	6.15	
29/10/22	5.07	4.56						7.91	4.70		1/11/22	5.02	4.47						7.41	5.83		3/11/22	6.63	5.51						8.97	6.24	
29/10/22	4.92	4.36						7.97	5.40		1/11/22	4.70	4.08						7.37	5.45		3/11/22	6.13	5.74						8.58	6.31	
29/10/22	5.05	4.54						7.90	5.90		1/11/22	5.40	4.13						7.30	5.46		3/11/22	5.72	5.68						8.44	6.32	
30/10/22	5.26	4.35						7.92	6.28		1/11/22	5.73	4.69						7.25	5.49		3/11/22	5.62	5.99						8.28	6.34	
30/10/22	5.35	4.17						7.87	6.37		1/11/22	5.72	4.86						7.56	5.34		3/11/22	5.63	5.72						8.41	6.25	
30/10/22	5.16	4.32						8.00	6.56		1/11/22	5.55	5.14						7.69	5.23		3/11/22	5.84	5.71						8.33	6.15	
30/10/22	4.83	4.44						7.89	6.71		1/11/22	5.55	5.17						7.75	5.16		3/11/22	6.65	5.51						7.78	6.05	
30/10/22	5.38	4.14						7.69	6.82		1/11/22	5.52	5.07						7.75	5.49		3/11/22	7.19	5.30						7.71	5.95	
30/10/22	5.74	4.16						7.12	6.92		1/11/22	5.56	5.30						7.79	5.76		3/11/22	6.66	5.24						7.12	5.77	
30/10/22	5.84	4.07						6.92	6.91		1/11/22	5.75	5.27						7.87	5.82		3/11/22	5.89	5.56						7.12	5.61	
30/10/22	5.74	4.23						6.63	6.64		1/11/22	5.73	5.53						8.56	5.78		3/11/22	5.59	5.33						8.08	5.53	
30/10/22	5.43	4.66						6.87	6.20		1/11/22	5.87	5.49						10.03	5.93		3/11/22	5.31	5.37						8.16	5.52	
30/10/22	5.79	4.49						6.89	6.03		1/11/22	5.52	5.33						10.26	5.90		3/11/22	5.16	5.33						8.13	5.55	
30/10/22	5.71	4.98						6.63	5.94		1/11/22	5.70	5.35						10.69	5.77		4/11/22	5.16	5.36						8.27	5.65	
30/10/22	5.86	4.72						6.54	5.76		1/11/22	5.67	5.27						11.02	6.03		4/11/22	5.10	5.71						8.23	5.70	
30/10/22	6.01	4.59						6.43	5.76		1/11/22	5.62	5.35						10.36	5.87		4/11/22	5.16	5.66						8.02	5.62	
30/10/22	5.97	4.18						6.19	5.78		1/11/22	5.80	5.38						9.66	5.84		4/11/22	5.08	5.64						7.90	5.51	
30/10/22	5.95	4.03						6.06	5.64		1/11/22	5.62	5.42						9.53	6.03		4/11/22	5.01	5.61						7.82	5.29	
30/10/22	6.27	4.09						5.94	5.50		1/11/22	5.70	5.22						9.57	5.99		4/11/22	5.11	5.95						7.61	5.03	
30/10/22	6.55	4.27						6.12	5.40		1/11/22	5.50	5.29						8.83	5.90		4/11/22	5.15	6.00						7.16	4.91	
30/10/22	6.92	4.35						6.32	5.26		1/11/22	5.53	5.15						8.47	5.57		4/11/22	5.19	6.08						7.34	4.94	
30/10/22	7.40	4.63						6.33	5.50		1/11/22	5.58	5.84						8.61	5.47		4/11/22	5.49	5.85						7.22	5.16	
30/10/22	7.51	4.83						6.15	5.55		1/11/22	5.61	5.61						8.76	5.37		4/11/22	6.21	5.94						7.02	5.41	
30/10/22	7.98	4.72						6.09	5.72		1/11/22	5.55	5.80						8.81	5.59		4/11/22	5.67	6.24						7.20	5.55	
30/10/22	8.71	5.08						6.29	5.78		1/11/22	5.58	5.77						8.71	5.86		4/11/22	5.66	6.18						6.76	5.62	
30/10/22	8.92	5.13						6.35	5.91		1/11/22	5.47	5.60						8.45	5.87		4/11/22	5.87	6.20						6.72	5.61	
30/10/22	9.38	5.48						6.23	5.84		1/11/22	5.60	5.50						8.17	5.77		4/11/22	5.99	6.02						6.89	5.71	
30/10/22	10.35	5.32						6.23	5.72		1/11/22	5.36	5.69						7.98	5.54		4/11/22	6.14	5.96						6.84	5.79	
30/10/22	9.66	5.56						6.36	5.69		1/11/22	5.38	6.48						7.95	5.30		4/11/22	6.07	5.69						6.68	5.85	
30/10/22	8.28	5.64						6.61	5.55		1/11/22	5.15	6.25						8.07	5.01		4/11/22	6.01	5.59						6.64	6.00	
30/10/22	7.93	5.53						6.92	5.23		1/11/22	5.19	6.26						7.93	4.60		4/11/22	6.01	5.54						6.54	6.14	
30/10/22	7.13	5.59						7.12	5.12		1/11/22	5.16	6.46						7.96	4.20		4/11/22	6.00	5.61						6.59	6.32	
30/10/22	6.63	5.81						7.56	6.07		2/11/22	4.72	6.63						7.99	3.78		4/11/22	6.18	5.80						6.56	6.34	
30/10/22	6.77	5.77						7.45	6.47		2/11/22	4.78	6.79						7.97	3.44		4/11/22	6.30	6.23						6.65	6.35	
30/10/22	5.27	5.93						7.62	6.96		2/11/22	4.62	5.85						7.93	3.16		4/11/22	6.18	5.96						6.52	6.38	
30/10/22	5.58	5.82						8.25	6.96		2/11/22	4.77	5.06						7.87	2.99		4/11/22	6.13	6.03						6.43	6.47	
30/10/22	5.58	5.70						8.77	6.87		2/11/22	4.79	5.47						8.38	3.23		4/11/22	6.21	6.18						6.52	6.49	
30/10/22	5.67	5.62						8.77	6.87		2/11/22	4.87	6.29						8.10	3.68		4/11/22	6.23	6.24						6.73	6.49	
30/10/22	5.75	5.58						7.93	7.02		2/11/22	4.95	6.79						7.17	4.17		4/11/22	6.24	6.28						7.32	6.38	
30/10/22	5.72	5.41						7.59	6.77		2/11/22	5.02	6.94						6.71	4.62		4/11/22	6.29	6.30						7.51	5.93	
30/10/22	5.74	5.26						7.27	6.27		2/11/22	5.38	6.91						6.77	4.95		4/11/22	6.30	6.34						7.54	5.99	
30/10/22	5.55	5.45						6.99	5.89		2/11/22	5.48	5.70						6.90	5.25		4/11/22	6.35	6.29						7.67	5.97	
30/10/22	4.92	5.75						7.17	5.58		2/11/22	5.26	5.10						6.91	5.50		4/11/22	6.27	6.26						7.48	6.01	
30/10/22	4.78	5.93						7.27	5.41		2/11/22	5.12	5.21						6.91	5.58		4/11/22	6.26	6.01						7.20	5.64	
30/10/22	4.95	5.73						7.05	5.33		2/11/22	5.03	5.25						6.86	5.67		4/11/22	6.28	6.20						7.23	5.35	
30/10/22	4.94	5.64						6.69	5.23		2/11/22	4.98	5.41						6.80	5.73		4/11/22	6.20	6.24						7.22	5.24	
30/10/22	5.01	5.48						6.38	5.08		2/11/22	4.92	5.12						6.68	5.72		4/11/22	6.22	6.08						7.10	5.27	
30/10/22	5.09	5.32						7.27	4.73		2/11/22	4.91	5.02						6.48	5.70		4/11/22	6.29	6.12						6.82	5.23	
30/10/22	5.01	5.15						9.08	4.22		2/11/22	5.04	5.09						6.29	5.65		4/11/22	6.25	6.09						6.76	5.13	
30/10/22	4.89	4.96						9.12	4.14		2/11/22	5.33	4.93						6.21	5.50		4/11/22	6.18	5.80						6.91	5.14	
30/10/22	4.68	4.31						9.19	4.32		2/11/22	5.27	4.95						6.43	5.31		4/11/22	6.15	5.51						6.81	5.37	
31/10/22	4.52	4.23						9.02	4.81		2/11/22	5.72	4.99																			

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l
6/11/22	5.51	5.61						8.00	5.63		8/11/22	6.69	5.95						8.75	5.90		10/11/22	6.54	7.46						8.36	5.77	
6/11/22	5.50	5.75						7.95	5.52		8/11/22	6.58	5.89						8.68	5.91		10/11/22	6.80	7.08						8.21	6.01	
6/11/22	5.37	5.73						8.01	5.47		8/11/22	6.50	5.75						8.45	6.23		10/11/22	7.03	6.80						8.02	6.21	
6/11/22	5.21	5.64						7.87	5.31		8/11/22	6.38	5.90						9.36	6.54		10/11/22	7.26	6.80						8.03	6.29	
6/11/22	5.24	5.68						7.78	5.17		8/11/22	6.10	6.09						9.53	6.45		10/11/22	7.27	6.75						7.88	6.34	
6/11/22	5.28	5.97						7.72	4.95		8/11/22	6.11	6.28						10.26	6.60		10/11/22	7.13	6.64						7.75	6.38	
6/11/22	5.27	5.81						7.39	4.75		8/11/22	6.29	6.36						10.19	6.70		10/11/22	6.92	6.53						7.51	6.41	
6/11/22	5.06	5.64						7.34	4.82		8/11/22	6.25	6.31						9.99	6.83		11/11/22	6.83	6.48						7.41	6.46	
6/11/22	5.09	5.57						7.05	5.00		8/11/22	6.17	6.42						10.57	6.96		11/11/22	6.80	6.29						7.44	6.48	
6/11/22	5.27	5.67						6.97	5.20		8/11/22	6.17	6.38						11.30	6.91		11/11/22	6.85	6.24						7.27	6.47	
6/11/22	5.38	5.45						7.04	4.88		8/11/22	6.18	6.21						12.00	6.74		11/11/22	6.76	6.32						7.18	6.32	
6/11/22	5.57	5.67						7.09	5.16		8/11/22	6.16	6.67						11.99	6.61		11/11/22	6.75	6.73						7.44	6.12	
6/11/22	5.77	5.57						7.20	5.36		8/11/22	5.85	6.69						11.95	6.55		11/11/22	6.37	6.54						7.74	6.01	
6/11/22	5.95	5.29						7.23	5.48		8/11/22	5.86	7.07						11.98	6.39		11/11/22	6.15	6.52						7.84	5.98	
6/11/22	6.09	5.08						7.30	5.48		8/11/22	5.88	7.15						11.60	6.21		11/11/22	6.10	6.36						7.72	5.93	
6/11/22	6.18	5.00						7.34	5.53		8/11/22	5.99	7.30						10.66	5.99		11/11/22	5.93	6.64						7.65	5.90	
6/11/22	6.24	5.43						7.37	5.57		8/11/22	6.19	7.11						10.33	5.77		11/11/22	5.85	6.97						7.49	6.05	
6/11/22	6.40	5.40						7.37	5.37		8/11/22	6.28	6.84						10.73	5.85		11/11/22	5.84	7.26						7.44	6.04	
6/11/22	6.66	5.62						7.43	5.42		8/11/22	6.26	6.37						10.16	6.20		11/11/22	5.75	7.18						7.36	6.01	
6/11/22	6.63	5.43						7.31	5.64		8/11/22	6.28	6.23						9.54	6.59		11/11/22	5.77	7.20						7.25	5.89	
6/11/22	6.60	5.72						8.26	5.85		8/11/22	6.31	6.03						9.47	6.86		11/11/22	5.72	7.22						7.19	5.67	
6/11/22	6.64	5.52						8.20	5.78		8/11/22	6.33	6.13						9.34	7.00		11/11/22	5.69	7.02						7.20	5.52	
6/11/22	6.36	5.69						8.68	5.81		8/11/22	6.32	6.25						9.17	7.03		11/11/22	5.79	6.95						6.87	5.66	
6/11/22	5.99	5.87						8.88	5.79		8/11/22	6.33	6.26						8.79	7.07		11/11/22	5.91	6.83						7.01	5.81	
6/11/22	6.20	6.10						8.80	5.83		8/11/22	6.27	5.78						8.93	7.04		11/11/22	6.06	6.74						6.95	5.91	
6/11/22	6.28	6.31						8.94	6.14		8/11/22	6.07	6.06						9.06	6.96		11/11/22	6.24	6.70						6.92	5.98	
6/11/22	6.13	6.26						9.48	6.35		9/11/22	6.32	6.12						8.92	6.75		11/11/22	6.37	6.77						6.90	6.12	
6/11/22	5.97	6.33						9.68	6.21		9/11/22	6.12	6.06						8.81	6.55		11/11/22	6.53	6.64						7.10	6.15	
6/11/22	5.84	6.56						10.50	6.13		9/11/22	5.99	6.20						8.52	6.35		11/11/22	6.65	6.57						7.33	6.18	
6/11/22	5.90	6.65						11.15	6.03		9/11/22	7.41	6.28						8.89	6.18		11/11/22	6.75	6.76						7.56	6.23	
6/11/22	5.86	6.75						11.50	5.92		9/11/22	6.56	5.99						8.96	6.32		11/11/22	6.66	6.83						7.73	6.39	
6/11/22	6.06	6.86						11.66	5.91		9/11/22	5.74	5.74						8.86	6.24		11/11/22	6.81	6.72						7.63	6.50	
6/11/22	6.13	6.86						11.39	5.85		9/11/22	5.52	5.81						8.76	6.18		11/11/22	6.47	6.76						7.36	6.54	
6/11/22	6.27	6.73						10.47	5.77		9/11/22	5.38	5.93						8.67	6.21		11/11/22	6.26	6.92						7.46	6.73	
6/11/22	6.42	6.72						10.81	5.47		9/11/22	5.31	6.04						8.55	6.29		11/11/22	6.36	7.08						8.14	6.98	
6/11/22	6.49	6.41						10.49	5.32		9/11/22	5.25	6.11						8.35	6.35		11/11/22	6.21	7.20						8.71	6.97	
6/11/22	6.53	5.93						9.63	5.66		9/11/22	5.21	6.24						8.09	6.39		11/11/22	6.30	7.13						8.73	7.09	
6/11/22	6.53	5.89						9.37	5.97		9/11/22	5.13	6.38						7.89	6.32		11/11/22	6.59	7.45						8.90	7.09	
6/11/22	6.52	5.89						9.21	6.17		9/11/22	5.10	6.15						7.68	6.06		11/11/22	6.72	7.42						10.12	7.00	
6/11/22	6.51	5.80						9.13	6.22		9/11/22	5.20	5.94						7.60	5.81		11/11/22	6.95	7.54						9.48	6.93	
6/11/22	6.32	6.03						8.81	6.31		9/11/22	5.22	5.86						7.62	5.97		11/11/22	7.26	7.56						9.44	6.99	
6/11/22	5.98	5.79						8.70	6.42		9/11/22	5.25	5.85						7.39	6.15		11/11/22	7.09	7.63						9.82	6.92	
6/11/22	5.80	5.46						8.73	6.15		9/11/22	5.35	5.94						7.44	6.21		11/11/22	6.58	7.72						10.35	6.87	
6/11/22	5.68	5.60						8.61	6.15		9/11/22	5.63	5.99						7.68	6.29		11/11/22	6.24	8.08						11.01	6.88	
6/11/22	5.99	5.74						8.35	6.06		9/11/22	5.83	6.06						7.77	6.27		11/11/22	6.05	7.95						11.29	6.79	
7/11/22	5.80	5.66						8.21	5.98		9/11/22	6.60	6.02						8.00	6.16		11/11/22	5.92	8.01						10.48	6.64	
7/11/22	5.67	5.46						7.97	5.92		9/11/22	7.25	6.12						8.20	6.11		11/11/22	5.77	8.11						10.03	6.55	
7/11/22	5.63	5.65						8.33	5.83		9/11/22	7.45	6.20						8.32	6.05		11/11/22	5.71	8.02						9.58	6.51	
7/11/22	5.63	5.48						8.19	5.58		9/11/22	6.19	6.18						8.49	6.00		11/11/22	5.88	8.03						9.45	6.26	
7/11/22	5.67	5.76						8.00	5.58		9/11/22	5.73	6.20						8.66	5.92		11/11/22	6.03	8.00						10.09	6.06	
7/11/22	5.34	5.87						8.30	5.55		9/11/22	5.78	6.14						8.31	5.99		11/11/22	6.26	7.90						10.24	6.27	
7/11/22	5.22	6.33						8.32	5.65		9/11/22	6.11	5.90						8.23	6.10		11/11/22	6.44	7.59						10.16	6.54	
7/11/22	5.11	6.51						8.24	5.67		9/11/22	6.09	6.19						8.92	6.32	</											

data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l					
13/11/22	7.62	6.83					5.41	8.23	6.55		15/11/22	6.35	7.51						2.31	10.73	6.79		18/11/22	6.23	7.51				6.40	8.91	6.56				
13/11/22	7.61	6.96					5.46	8.08	6.56		15/11/22	6.34	7.80						2.00	9.75	6.72		18/11/22	6.10	7.53				6.36	8.59	6.51				
13/11/22	7.51	7.06					6.40	7.95	6.36		15/11/22	6.25	7.95						1.40	9.65	6.76		18/11/22	6.06	7.37				6.01	8.41	6.43				
13/11/22	7.57	7.09					6.08	7.91	6.39		15/11/22	6.19	7.98						1.38	9.58	6.87		18/11/22	6.09	7.37				5.32	8.20	6.53				
13/11/22	7.49	6.96					5.43	7.78	6.47		15/11/22	6.06	8.00						1.99	9.46	6.80		18/11/22	6.13	7.32				4.70	8.11	6.67				
13/11/22	7.44	7.16					4.73	7.62	6.47		15/11/22	5.95	7.96						2.29	9.64	6.77		18/11/22	6.15	7.25				4.31	8.21	6.79				
13/11/22	7.39	7.40					5.24	7.56	6.54		15/11/22	6.10	7.90						1.42	9.36	6.71		18/11/22	6.26	7.45				4.02	8.19	6.84				
13/11/22	7.39	7.40					4.94	7.65	6.43		15/11/22	6.12	7.88						1.03	9.31	6.65		18/11/22	6.37	7.62				3.67	8.10	6.83				
13/11/22	7.42	7.39					3.86	7.72	6.48		15/11/22	6.14	7.79						0.86	9.32	6.50		18/11/22	6.39	7.64				3.11	7.88	6.78				
13/11/22	7.44	7.58					3.23	7.77	6.49		15/11/22	6.26	7.73						0.97	9.42	6.47		18/11/22	6.53	7.53				3.06	8.00	6.72				
13/11/22	7.41	7.54					2.78	7.92	6.46		15/11/22	6.31	7.64						0.74	9.33	6.62		18/11/22	6.56	7.47				3.65	8.03	6.59				
13/11/22	7.34	7.74					3.89	7.93	6.42		15/11/22	6.30	7.68						0.63	9.72	6.68		18/11/22	6.51	7.35				4.68	7.96	6.48				
13/11/22	7.42	7.69					5.88	8.21	6.42		15/11/22	6.24	7.48						0.51	9.62	6.75		18/11/22	6.51	7.43				5.21	7.94	6.39				
13/11/22	7.36	7.77					5.69	8.24	6.51		15/11/22	6.24	7.64						2.91	9.20	6.61		18/11/22	6.44	7.28				5.52	8.09	6.20				
13/11/22	7.33	7.84					5.86	8.20	6.60		15/11/22	6.20	7.84						5.09	9.30	6.36		18/11/22	6.47	7.01				5.58	8.07	6.09				
13/11/22	7.60	7.88					6.96	8.41	6.62		15/11/22	6.12	7.94						5.94	9.93	6.11		18/11/22	6.56	6.64				5.56	7.64	6.03				
13/11/22	7.97	7.90					6.94	8.97	6.59		15/11/22	6.17	8.00						4.10	10.00	5.91		18/11/22	6.79	6.65				5.37	7.33	5.93				
13/11/22	7.98	7.85					6.69	9.57	6.55		16/11/22	6.16	8.16						3.03	8.61	5.83		18/11/22	7.09	6.77				5.57	7.24	5.95				
13/11/22	8.22	7.88					6.89	9.72	6.57		16/11/22	6.28	8.05						3.24	7.69	6.16		18/11/22	7.31	6.98				5.81	7.21	5.95				
13/11/22	8.36	7.98					6.71	9.73	6.40		16/11/22	6.74	7.96						3.20	7.47	6.42		18/11/22	7.27	7.10				5.85	7.41	6.18				
13/11/22	8.31	8.14					6.22	9.68	6.51		16/11/22	6.85	7.89						3.13	7.41	6.64		18/11/22	7.29	7.25				6.53	7.92	6.24				
13/11/22	8.20	8.30					5.55	9.72	6.55		16/11/22	6.84	7.94						2.84	7.38	6.73		18/11/22	7.04	7.26				6.62	8.15	6.34				
13/11/22	7.78	8.45					5.88	9.78	6.55		16/11/22	6.77	8.03						2.50	7.53	6.86		18/11/22	6.87	7.24				6.65	8.06	6.42				
13/11/22	7.67	8.53					6.28	9.97	6.70		16/11/22	6.87	8.07						2.67	7.60	6.90		18/11/22	6.83	7.78				6.49	8.20	6.58				
13/11/22	7.70	8.67					6.07	9.85	6.79		16/11/22	7.01	8.00						4.06	7.64	6.93		18/11/22	6.84	7.88				5.98	8.48	6.77				
13/11/22	7.69	8.68					5.62	9.59	6.86		16/11/22	7.07	7.85						5.23	7.71	6.91		18/11/22	7.05	7.86				4.98	9.21	7.00				
13/11/22	7.73	8.65					5.89	9.52	6.82		16/11/22	7.14	7.59						5.24	7.72	6.85		18/11/22	7.08	7.96				6.42	9.03	7.37				
13/11/22	7.67	8.63					4.96	9.53	6.76		16/11/22	7.33	7.48						4.58	7.66	6.77		18/11/22	7.23	8.17				5.31	8.86	7.36				
13/11/22	7.69	8.79					3.57	9.62	6.59		16/11/22	7.33	7.39						3.84	7.62	6.67		18/11/22	6.93	8.59				6.80	10.11	7.35				
13/11/22	7.89	8.90					3.37	9.72	6.42		16/11/22	7.27	7.29						3.98	7.52	6.57		18/11/22	7.06	8.60				5.60	10.01	7.26				
13/11/22	7.94	8.96					3.37	9.50	6.24		16/11/22	7.09	7.28						4.83	7.42	6.54		18/11/22	7.59	8.53				6.06	9.24	7.09				
13/11/22	7.76	8.98					3.22	9.53	6.18		16/11/22	6.91	7.14						5.24	7.32	6.50		18/11/22	7.89	8.44				6.59	9.09	6.98				
13/11/22	7.79	8.75					2.82	9.85	6.20		16/11/22	6.98	7.13						5.48	7.32	6.44		18/11/22	8.33	8.38				6.82	9.75	7.01				
13/11/22	7.79	8.59					3.00	9.71	6.49		16/11/22	7.15	7.28						5.95	7.25	6.44		18/11/22	8.45	8.69				6.43	9.94	7.36				
13/11/22	7.72	8.32					2.65	9.32	6.81		16/11/22	7.24	7.38						5.96	7.44	6.40		18/11/22	8.32	8.49				6.05	9.43	7.35				
13/11/22	7.64	7.92					2.43	9.13	6.94		16/11/22	7.12	7.30						6.08	7.62	6.39		18/11/22	8.32	8.38				5.66	9.26	7.32				
14/11/22	7.65	7.90					3.07	9.24	6.92		16/11/22	6.95	7.27						5.91	7.72	6.30		18/11/22	8.31	8.23				5.32	9.19	7.20				
14/11/22	7.60	7.86					2.84	9.06	6.92		16/11/22	7.10	7.10						5.89	7.66	6.24		18/11/22	8.18	7.79				5.42	8.72	7.08				
14/11/22	7.65	7.89					2.86	8.87	6.90		16/11/22	7.29	7.42						5.85	7.60	6.31		18/11/22	7.48	7.72				5.33	8.46	6.99				
14/11/22	7.81	7.88					3.53	8.56	6.88		16/11/22	7.43	7.49						5.85	7.64	6.26		18/11/22	6.93	7.90				5.18	8.52	6.93				
14/11/22	7.87	7.79					3.87	8.29	6.87		16/11/22	7.52	7.63						5.64	7.66	6.13		18/11/22	6.72	7.88				5.07	8.80	6.94				
14/11/22	7.75	7.81					2.84	8.11	6.87		16/11/22	7.62	7.58						5.43	7.76	6.14		18/11/22	6.72	7.64				4.97	9.16	7.03				
14/11/22	7.62	7.69					2.53	8.02	6.92		16/11/22	7.74	7.59						5.20	7.88	6.14		18/11/22	6.63	7.54				5.25	9.34	6.93				
14/11/22	7.42	7.66					1.57	7.93	6.91		16/11/22	7.72	7.60						5.20	8.01	6.01		18/11/22	6.50	7.52				4.25	9.27	6.72				
14/11/22	7.18	7.57					2.12	7.84	6.84		16/11/22	7.75	7.61						4.94	8.24	5.96		18/11/22	6.42	8.00				2.99	9.16	6.62				
14/11/22	6.84	7.48					4.09	7.81	6.78		16/11/22	7.65	7.55						4.52	8.49	6.23		18/11/22	6.41	8.11				2.49	8.97	6.72				
14/11/22	6.64	7.45					5.20	7.79	6.74		16/11/22	7.19	7.53						4.11	8.71	6.27		19/11/22	6.27	7.92				2.27	9.01	6.85				
14/11/22	6.50	7.46					5.47	7.99	6.71																										

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l
20/11/22	6,62	7,70					4,28	7,88	6,48		22/11/22	7,15	8,26					5,72	8,00	7,48		25/11/22	7,25	7,46					5,28	8,31	6,97	
20/11/22	6,70	7,80					3,62	8,10	6,52		22/11/22	7,30	8,23					5,65	8,02	7,48		25/11/22	7,14	7,36					6,19	7,95	6,93	
20/11/22	6,89	7,99					3,19	8,26	6,56		22/11/22	7,43	8,21					5,66	8,04	7,52		25/11/22	6,98	7,32					6,16	7,74	6,84	
20/11/22	7,11	8,09					2,94	8,38	6,62		22/11/22	7,32	8,10					5,56	7,99	7,51		25/11/22	6,93	7,30					6,26	7,55	6,64	
20/11/22	7,23	8,37					2,69	8,41	6,74		22/11/22	7,41	8,13					5,57	8,02	7,47		25/11/22	6,94	7,21					6,08	7,61	6,55	
20/11/22	7,40	8,69					2,42	8,58	6,85		22/11/22	7,39	8,05					5,61	8,10	7,41		25/11/22	7,00	7,17					5,69	7,69	6,52	
20/11/22	7,50	8,87					2,34	8,93	6,99		22/11/22	7,37	8,13					5,54	8,15	7,30		25/11/22	7,06	7,23					5,53	7,68	6,44	
20/11/22	7,59	8,91					2,74	9,53	7,25		22/11/22	7,26	8,01					5,43	8,28	7,20		25/11/22	7,07	7,30					5,34	7,64	6,44	
20/11/22	7,46	9,01					3,15	10,16	7,25		23/11/22	7,15	8,70					4,94	8,41	7,09		25/11/22	7,07	7,36					5,86	7,59	6,54	
20/11/22	7,54	9,30					3,20	10,63	7,26		23/11/22	7,29	8,84					4,26	8,44	7,13		25/11/22	7,11	7,41					6,04	7,54	6,49	
20/11/22	7,63	9,38					3,13	11,05	7,40		23/11/22	7,40	8,12					3,99	8,37	7,05		25/11/22	7,13	7,42					6,17	7,59	6,40	
20/11/22	7,89	9,42					3,00	11,07	7,46		23/11/22	7,46	8,56					3,77	8,37	7,11		25/11/22	7,17	7,42					5,71	7,59	6,32	
20/11/22	8,02	9,42					3,73	10,87	7,40		23/11/22	7,48	7,83					3,59	8,48	7,11		25/11/22	6,99	7,47					5,31	7,53	6,20	
20/11/22	8,40	9,41					4,25	10,80	7,12		23/11/22	7,43	7,94					3,73	8,95	7,15		25/11/22	6,99	7,53					5,03	7,48	6,14	
20/11/22	8,35	9,33					4,60	10,53	6,98		23/11/22	7,39	7,86					3,56	9,31	7,21		25/11/22	7,09	7,60					4,88	7,44	6,07	
20/11/22	8,22	9,19					5,28	10,23	7,25		23/11/22	7,38	7,65					3,42	9,05	7,36		25/11/22	7,22	7,62					4,82	7,47	5,77	
20/11/22	8,14	9,14					5,70	10,31	7,43		23/11/22	7,31	7,94					3,58	9,04	7,43		25/11/22	7,73	7,61					5,10	7,57	5,93	
20/11/22	8,08	9,17					6,20	10,53	7,39		23/11/22	7,28	8,07					3,42	8,96	7,40		25/11/22	8,48	7,58					5,49	8,69	6,73	
20/11/22	7,87	9,11					6,25	10,23	7,35		23/11/22	7,28	8,12					4,17	8,31	7,34		25/11/22	8,75	7,54					5,29	8,29	6,95	
20/11/22	7,62	9,09					6,37	9,88	7,30		23/11/22	7,29	8,03					4,98	8,03	7,27		25/11/22	8,82	7,66					5,23	8,30	7,20	
20/11/22	7,38	9,16					6,16	9,98	7,21		23/11/22	7,37	8,11					4,51	8,05	7,26		25/11/22	8,41	7,90					4,89	8,35	7,40	
20/11/22	7,29	8,95					5,80	10,03	7,12		23/11/22	7,35	8,01					5,14	7,85	7,23		25/11/22	7,81	8,08					4,80	8,24	7,47	
20/11/22	7,35	8,76					5,52	9,79	7,02		23/11/22	7,48	8,14					4,80	7,88	7,06		25/11/22	7,46	8,17					5,29	8,29	7,56	
20/11/22	7,48	8,65					5,18	9,34	6,94		23/11/22	7,25	8,03					5,17	8,05	7,08		25/11/22	7,09	8,22					5,36	8,75	7,60	
20/11/22	7,67	8,56					4,82	8,89	6,82		23/11/22	7,20	8,05					5,28	7,95	7,05		25/11/22	7,10	8,15					5,01	9,89	7,63	
20/11/22	7,98	8,72					4,72	8,42	6,75		23/11/22	7,22	7,80					5,18	7,97	7,05		25/11/22	7,05	8,19					4,44	9,46	7,71	
20/11/22	8,02	8,64					4,51	8,69	6,76		23/11/22	7,27	7,75					4,83	7,83	7,05		25/11/22	7,05	8,46					5,19	9,14	7,66	
21/11/22	7,97	8,55					4,32	9,32	6,76		23/11/22	7,36	7,78					4,19	7,79	7,02		25/11/22	6,92	8,58					6,30	9,00	7,66	
21/11/22	7,65	8,48					4,44	9,46	6,77		23/11/22	7,42	7,71					4,37	7,83	6,96		25/11/22	6,92	8,43					6,55	9,07	7,64	
21/11/22	7,94	8,62					4,27	9,23	6,80		23/11/22	7,33	7,84					4,81	7,72	6,95		25/11/22	7,02	8,10					6,87	8,94	7,41	
21/11/22	8,35	8,53					4,10	9,12	6,75		23/11/22	7,39	7,90					5,07	7,73	6,87		25/11/22	7,06	8,10					6,87	9,17	7,21	
21/11/22	8,64	8,64					3,31	9,27	6,69		23/11/22	7,40	7,71					5,18	7,69	6,83		25/11/22	7,64	8,03					6,86	9,11	7,42	
21/11/22	9,07	8,76					2,84	9,27	6,61		23/11/22	7,47	7,76					4,88	7,68	6,76		25/11/22	8,13	8,00					6,74	8,93	7,59	
21/11/22	9,16	8,71					2,57	8,97	6,62		23/11/22	7,99	7,74					4,36	7,69	6,52		25/11/22	8,52	8,03					6,86	8,79	7,65	
21/11/22	9,28	8,68					2,37	8,57	6,58		23/11/22	7,86	7,81					3,88	7,70	6,46		25/11/22	8,54	7,97					6,74	8,59	7,61	
21/11/22	9,21	8,69					1,92	8,32	6,55		23/11/22	7,49	7,69					3,81	7,65	6,67		25/11/22	8,37	7,87					6,82	8,61	7,42	
21/11/22	9,09	8,57					1,60	8,19	6,50		23/11/22	7,97	7,70					4,45	7,70	6,68		25/11/22	8,14	7,77					6,74	8,30	7,40	
21/11/22	8,93	8,60					1,39	7,97	6,49		23/11/22	8,34	7,70					4,76	7,68	6,67		26/11/22	8,02	7,65					6,66	8,38	7,34	
21/11/22	9,02	8,48					1,11	8,12	6,64		23/11/22	7,62	7,70					3,78	7,71	7,05		26/11/22	7,92	7,54					6,57	8,61	7,20	
21/11/22	8,87	8,51					3,18	8,36	6,62		23/11/22	7,38	7,84					3,88	7,89	7,10		26/11/22	7,78	7,57					6,59	8,86	7,08	
21/11/22	8,42	8,40					5,17	8,38	6,55		23/11/22	7,67	7,79					3,27	8,91	7,24		26/11/22	7,68	7,74					6,59	8,88	7,09	
21/11/22	7,97	8,22					5,59	8,40	6,56		23/11/22	7,22	7,65					2,30	8,98	7,30		26/11/22	7,70	7,68					6,57	9,01	7,06	
21/11/22	7,82	8,23					5,47	8,38	6,48		23/11/22	7,23	7,68					2,29	8,25	7,22		26/11/22	7,74	7,66					6,46	9,06	7,03	
21/11/22	7,72	8,09					5,36	8,39	6,52		23/11/22	7,12	7,61					2,15	8,43	7,24		26/11/22	7,86	7,59					6,11	8,98	7,03	
21/11/22	7,74	7,96					5,14	8,32	6,45		23/11/22	7,45	7,62					2,20	8,50	7,35		26/11/22	7,54	7,57					5,53	8,66	7,02	
21/11/22	7,77	7,90					4,84	8,20	6,40		23/11/22	7,85	7,59					3,49	8,50	7,41		26/11/22	7,15	7,50					6,05	8,57	6,91	
21/11/22	7,90	7,82					5,30	7,99	6,45		23/11/22	8,20	7,61					4,54	8,46	7,32		26/11/22	7,35	7,42					6,13	8,85	6,96	
21/11/22	8,07	7,77					5,48	7,72	6,44		23/11/22	8,43	7,69					4,51	8,69	7,24		26/11/22	7,43	7,44					6,18	8,95	6,99	
21/11/22	8,12	7,85					5,25	7,84	6,72		23/11/22	8,17	7,71					3,90	9,03	7,16		26/11/22	7,41	7,55					6,24	8,77	7,04</	

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9		ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9		ve1	ve2	ve5	ve10	ve3	ve4	ve6	ve7	ve8	ve9
27/11/22	8.83	8.78					4.77	9.03	7.33		30/11/22	7.72	9.29					7.74	10.10	7.66		2/12/22	8.17	9.06					6.98	9.48	7.42	
27/11/22	8.74	9.05					4.24	9.12	7.43		30/11/22	7.76	9.31					7.77	9.97	7.67		2/12/22	8.33	9.15					6.60	9.58	7.47	
27/11/22	8.52	8.95					3.79	9.41	7.51		30/11/22	7.72	9.26					7.75	9.69	7.75		2/12/22	8.47	9.20					6.19	9.62	7.51	
27/11/22	7.59	9.01					4.16	9.40	7.57		30/11/22	7.76	9.17					7.74	9.63	7.73		2/12/22	8.51	9.32					5.92	9.82	7.67	
27/11/22	7.51	9.08					3.30	9.54	7.51		30/11/22	7.75	9.08					7.58	9.70	7.64		2/12/22	8.52	9.50					5.97	9.91	7.69	
27/11/22	7.40	9.13					3.28	9.94	7.62		30/11/22	7.76	9.14					7.49	9.41	7.61		2/12/22	8.50	9.69					6.58	10.17	7.74	
27/11/22	7.39	9.36					3.58	10.22	7.58		30/11/22	7.72	9.18					7.38	9.08	7.56		2/12/22	8.50	9.84					7.36	10.47	7.80	
27/11/22	7.37	9.41					3.60	10.39	7.48		30/11/22	7.69	9.11					7.25	8.88	7.49		2/12/22	8.52	9.92					7.48	10.70	7.85	
27/11/22	7.39	9.44					3.27	10.27	7.47		30/11/22	7.63	9.06					7.18	8.75	7.48		2/12/22	8.62	10.07					7.51	10.84	7.92	
27/11/22	7.55	9.43					2.92	10.08	7.41		30/11/22	7.71	9.04					7.10	8.60	7.42		2/12/22	8.68	10.30					7.72	11.06	7.95	
27/11/22	7.73	9.39					2.73	9.75	7.39		30/11/22	7.79	9.04					6.96	8.46	7.40		2/12/22	8.74	10.36					7.92	11.34	8.01	
27/11/22	7.81	9.31					4.10	10.30	7.40		30/11/22	7.82	9.06					6.74	8.36	7.40		2/12/22	8.80	10.34					7.97	11.52	8.02	
27/11/22	8.14	9.42					5.43	10.70	7.33		30/11/22	7.87	9.05					6.67	8.31	7.42		2/12/22	8.67	10.31					8.07	10.92	8.05	
27/11/22	8.67	9.66					6.12	10.81	7.33		30/11/22	7.79	8.96					6.41	8.32	7.43		2/12/22	8.58	10.21					8.07	10.60	7.95	
27/11/22	8.55	9.26					6.53	10.59	7.39		30/11/22	7.78	8.99					6.53	8.35	7.40		2/12/22	8.60	10.05					8.04	10.85	7.86	
27/11/22	8.35	8.94					6.59	10.14	7.57		30/11/22	7.76	9.19					6.64	8.41	7.33		2/12/22	8.58	9.91					7.87	10.98	7.93	
27/11/22	8.64	8.84					6.65	10.13	7.57		30/11/22	7.78	9.29					6.71	8.70	7.27		2/12/22	8.57	9.90					7.75	11.02	8.00	
27/11/22	8.79	8.75					6.83	10.07	7.60		30/11/22	7.74	9.11					6.59	8.82	7.28		2/12/22	8.51	9.96					7.80	10.56	7.96	
28/11/22	8.78	8.72					6.88	9.68	7.56		30/11/22	7.64	9.09					6.64	9.21	7.33		2/12/22	8.29	9.94					7.76	10.08	7.90	
28/11/22	8.62	8.69					6.94	9.48	7.55		30/11/22	7.66	8.97					6.61	9.97	7.48		2/12/22	8.22	9.90					7.62	9.74	7.84	
28/11/22	8.44	8.73					6.97	9.16	7.54		30/11/22	7.67	8.94					6.62	10.68	7.58		2/12/22	8.01	9.88					7.62	9.39	7.83	
28/11/22	8.19	8.69					7.04	9.08	7.45		30/11/22	7.77	8.95					6.55	10.58	7.66		2/12/22	7.85	9.87					7.60	9.44	7.84	
28/11/22	7.88	8.47					7.11	9.05	7.42		30/11/22	7.82	8.97					6.94	10.71	7.76		2/12/22	7.80	9.74					7.51	9.54	7.70	
28/11/22	8.06	8.28					6.94	8.98	7.34		30/11/22	8.12	8.96					6.99	10.76	7.86		2/12/22	7.66	9.52					7.51	9.54	7.70	
28/11/22	7.10	8.40					6.89	8.84	7.24		30/11/22	8.33	8.99					7.32	9.52	7.95		2/12/22	7.71	9.44					7.51	9.63	7.76	
28/11/22	6.97	8.56					6.74	8.81	7.19		30/11/22	8.49	9.03					7.32	8.39	8.03		2/12/22	7.76	9.46					7.64	9.55	7.84	
28/11/22	6.89	8.53					6.24	9.24	7.15		30/11/22	8.60	9.08					7.37	8.53	7.72		2/12/22	7.78	9.51					7.69	9.56	7.92	
28/11/22	7.38	8.63					6.30	9.55	6.98		30/11/22	8.73	9.07					7.47	8.64	7.97		2/12/22	7.86	9.60					7.71	9.45	7.96	
28/11/22	7.43	8.72					5.95	9.43	7.09		30/11/22	8.87	9.06					7.48	8.52	7.90		3/12/22	7.92	9.55					7.74	9.37	8.01	
28/11/22	7.47	8.66					5.68	9.41	7.08		30/11/22	8.95	9.06					7.57	8.45	7.80		3/12/22	7.93	9.51					7.80	9.34	8.08	
28/11/22	7.52	8.60					5.37	9.49	7.00		30/11/22	9.01	9.09					7.64	8.41	7.72		3/12/22	7.93	9.56					7.81	9.36	8.09	
28/11/22	7.51	8.62					5.05	9.54	6.97		30/11/22	8.99	9.16					7.72	8.47	7.71		3/12/22	7.97	9.61					7.78	9.44	8.06	
28/11/22	7.48	8.63					5.61	9.65	7.00		30/11/22	8.94	9.13					7.66	8.49	7.92		3/12/22	8.03	9.51					7.70	9.23	7.98	
28/11/22	7.48	8.62					6.27	9.44	6.97		30/11/22	8.75	9.08					7.78	9.78	7.92		3/12/22	8.11	9.39					7.66	9.18	7.95	
28/11/22	7.54	8.60					6.61	9.09	6.93		30/11/22	8.74	9.18					7.64	10.56	8.02		3/12/22	8.18	9.35					7.69	9.15	7.97	
28/11/22	7.53	8.55					6.65	8.86	6.93		30/11/22	8.63	9.19					7.33	10.02	7.89		3/12/22	8.24	9.33					7.65	9.07	8.04	
28/11/22	7.55	8.46					6.81	8.74	6.93		30/11/22	8.34	9.35					6.85	9.91	7.83		3/12/22	8.29	9.19					7.64	9.09	7.95	
28/11/22	7.57	8.46					6.90	8.70	6.93		30/11/22	8.48	9.31					6.35	9.87	7.99		3/12/22	8.32	9.17					7.61	9.02	7.92	
28/11/22	7.58	8.52					6.95	8.44	7.05		30/11/22	8.50	9.32					5.97	9.80	8.03		3/12/22	8.35	9.03					7.56	8.98	7.88	
28/11/22	7.64	8.58					6.96	8.24	7.17		30/11/22	8.24	9.59					6.04	9.88	8.15		3/12/22	8.34	8.98					7.56	9.01	7.82	
28/11/22	7.71	8.66					7.07	8.28	7.19		30/11/22	7.92	9.65					6.56	10.04	8.32		3/12/22	8.36	8.98					7.59	9.06	7.80	
28/11/22	7.77	8.61					6.95	8.36	7.19		30/11/22	7.82	9.68					7.09	10.21	8.43		3/12/22	8.38	9.07					7.62	8.95	7.75	
28/11/22	7.82	8.72					7.03	8.41	7.15		30/11/22	7.90	9.72					7.66	10.16	8.52		3/12/22	8.42	9.00					7.62	8.89	7.67	
28/11/22	7.82	8.87					6.91	8.41	7.15		30/11/22	7.83	9.76					7.59	10.48	8.52		3/12/22	8.38	8.83					7.62	8.86	7.62	
28/11/22	7.55	8.91					6.65	8.37	7.13		30/11/22	7.79	9.86					7.28	10.89	8.41		3/12/22	8.43	8.77					7.54	8.84	7.58	
28/11/22	7.62	8.89					6.70	8.58	7.13		30/11/22	7.72	9.89					7.08	11.14	8.26		3/12/22	7.96	8.77					7.52	8.75	7.56	
28/11/22	7.76	8.88					6.67	8.68	7.17		30/11/22	7.73	10.18					6.88	11.45	8.17		3/12/22	7.88	8.73					7.44	8.57	7.58	
28/11/22	7.93	8.86					6.61	8.90	7.27		1/12/22	7.83	10.56					7.35	11.65	8.05		3/12/22	8.02	8.85					7.31	8.66	7.54	
28/11/22	8.15	8.87					6.37	9.54	7.21		1/12/22	7.74	10.56					7.43	10.95	7.99		3/12/22	8.11	9.05					6.99	9.21	7.47	
28/11/22	8.29	8.92					6.14	9.92	7.15		1/12/22	7.66	10.47					7.63	10.91	8.07		3/12/22	8.26	9.04					6.68	9.41	7.51	
28/11/22	8.42	8.97					6.27	9.90	7.21		1/12																					

data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	ve1 mg/l		ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	ve1 mg/l	ve2 mg/l		ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l			
4/12/22	8.13	8.83					7.46	10.17	7.28			7/12/22	7.03	8.61										9/12/22	7.69	9.13									
4/12/22	8.18	8.97					7.40	9.79	7.41			7/12/22	6.84	8.76										9/12/22	7.55	9.27									
4/12/22	8.15	8.93					7.47	9.33	7.48			7/12/22	6.86	9.03										9/12/22	7.34	9.28									
4/12/22	8.16	8.92					7.47	9.17	7.50			7/12/22	6.88	8.85										9/12/22	7.22	9.14									
4/12/22	8.11	8.89					7.46	9.01	7.50			7/12/22	6.82	8.81										9/12/22	7.28	9.00									
4/12/22	8.09	8.89					7.22	8.89	7.49			7/12/22	6.87	8.93										9/12/22	7.24	9.09									
4/12/22	8.09	8.81					7.05	8.92	7.51			7/12/22	7.03	8.76										9/12/22	7.25	9.18									
4/12/22	8.10	8.92					6.79	8.83	7.51			7/12/22	7.12	8.55										9/12/22	7.32	9.34									
4/12/22	8.07	9.09					6.43	9.02	7.42			7/12/22	7.27	8.40										9/12/22	7.33	9.39									
4/12/22	7.87	9.22					6.32	9.68	7.41			7/12/22	7.31	8.36										9/12/22	7.22	9.20									
5/12/22	7.96	9.19					5.81	9.35	7.44			7/12/22	7.40	8.30										9/12/22	7.12	9.37									
5/12/22	8.11	9.20					6.38	9.46	7.44			7/12/22	7.38	8.26										9/12/22	7.20	9.44									
5/12/22	8.36	8.97					6.74	9.29	7.46			7/12/22	7.42	8.40										9/12/22	7.22	9.49									
5/12/22	8.32	8.85					7.03	9.27	7.44			7/12/22	7.21	8.06										9/12/22	7.25	9.22									
5/12/22	8.24	8.81					6.93	9.16	7.45			7/12/22	7.07	8.50										9/12/22	7.30	8.97									
5/12/22	8.29	9.26					6.92	8.98	7.44			7/12/22	7.19	8.48										9/12/22	7.43	8.89									
5/12/22	8.12	8.96					6.88	8.81	7.39			7/12/22	7.68	8.95										9/12/22	7.57	8.73									
5/12/22	8.13	8.74					7.19	8.66	7.41			7/12/22	7.88	9.12										9/12/22	7.59	8.65									
5/12/22	8.33	8.66					7.24	8.62	7.40			7/12/22	7.94	9.21										9/12/22	7.60	8.62									
5/12/22	8.31	8.86					7.36	8.55	7.41			7/12/22	7.80	9.34										10/12/22	7.58	8.56									
5/12/22	8.28	8.94					7.37	8.53	7.39			7/12/22	7.68	9.59										10/12/22	7.53	8.51									
5/12/22	8.19	8.91					7.39	8.52	7.42			7/12/22	7.61	9.86										10/12/22	7.50	8.47									
5/12/22	8.24	8.97					7.26	8.51	7.47			7/12/22	7.53	9.80										10/12/22	7.48	8.34									
5/12/22	8.22	8.93					6.88	8.52	7.38			7/12/22	7.50	9.87										10/12/22	7.56	8.43									
5/12/22	8.27	8.99					6.92	8.52	7.40			7/12/22	7.46	10.25										10/12/22	7.00	8.37									
5/12/22	8.21	9.01					6.80	8.37	7.39			7/12/22	7.35	9.73										10/12/22	6.98	8.48									
5/12/22	8.13	8.87					6.76	8.18	7.36			7/12/22	7.49	9.71										10/12/22	6.79	8.48									
5/12/22	8.14	8.70					6.61	8.14	7.32			7/12/22	7.51	9.82										10/12/22	6.85	8.47									
5/12/22	7.97	8.60					6.43	8.19	7.30			7/12/22	7.64	9.33										10/12/22	6.94	8.51									
5/12/22	7.99	8.53					6.20	8.25	7.24			7/12/22	7.71	9.41										10/12/22	6.67	8.55									
5/12/22	8.27	8.61					5.71	8.23	7.19			7/12/22	7.95	9.79										10/12/22	6.69	8.61									
5/12/22	8.09	8.72					5.45	8.22	7.26			7/12/22	8.02	9.83										10/12/22	6.49	8.65									
5/12/22	8.25	8.83					5.26	8.40	7.28			7/12/22	8.09	9.60										10/12/22	6.60	8.67									
5/12/22	8.29	9.00					5.15	9.25	7.32			7/12/22	8.16	9.62										10/12/22	6.72	8.44									
5/12/22	8.28	9.08					5.07	9.85	7.31			7/12/22	8.16	9.41										10/12/22	6.70	8.41									
5/12/22	8.39	9.10					4.71	9.18	7.42			7/12/22	8.21	9.25										10/12/22	6.77	8.52									
5/12/22	8.46	9.05					5.09	9.24	7.54			7/12/22	8.37	9.04										10/12/22	6.90	8.47									
5/12/22	8.46	9.31					5.27	9.55	7.61			7/12/22	8.48	8.94										10/12/22	7.09	8.32									
5/12/22	8.20	9.29					5.77	9.55	7.63			8/12/22	8.63	8.87										10/12/22	7.15	8.54									
5/12/22	8.16	9.28					6.03	9.68	7.69			8/12/22	7.96	8.83										10/12/22	7.22	8.56									
5/12/22	8.22	9.38					6.14	10.64	7.68			8/12/22	7.07	8.91										10/12/22	7.34	8.28									
5/12/22	8.04	9.62					6.06	11.65	7.73			8/12/22	7.16	8.90										10/12/22	7.46	8.34									
5/12/22	8.03	9.63					5.62	12.21	7.68			8/12/22	7.06	8.89										10/12/22	7.44	8.33									
5/12/22	7.99	10.16					6.10	11.64	7.63			8/12/22	6.97	8.90										10/12/22	7.49	8.36									
5/12/22	8.67	10.39					6.67	11.59	7.46			8/12/22	7.24	8.84										10/12/22	7.14	8.35									
5/12/22	8.50	10.36					7.05	12.28	7.37			8/12/22	7.42	9.03										10/12/22	7.33	8.27									
5/12/22	8.80	10.05					7.33	12.39	7.30			8/12/22	7.40	9.21										10/12/22	7.08	8.48									
5/12/22	7.75	9.75					7.51	11.93	7.50			8/12/22	7.36	9.26										10/12/22	7.07	8.08									
5/12/22	8.68	9.65					7.46	11.72	7.70			8/12/22	7.29	9.23										10/12/22	6.93	8.52									
5/12/22	8.87	9.60					7.58	11.90	7.69			8/12/22	7.21	9.15										10/12/22	6.89	8.53									
5/12/22	8.95	9.45					7.57	11.13	7.69			8/12/22	7.33	9.06										10/12/22	6.81	8.66									
5/12/22	8.79	9.30					7.51	10.14	7.68			8/12/22	7.39	9.06										10/12/22	7.21	8.85									
5/12/22	8.63	9.56					7.56	10.03	7.69			8/12/22	7.36	9.00										10/12/22	7.31	8.90									
5/12/22	8.91	9.48					7.30	10.16	7.6																										

data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1			ENC2	ENC4	PC1	EC	PC2
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	ve1 mg/l		ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l	ve1 mg/l	ve2 mg/l		ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l			
12/12/22	7.24	9.18					6.69	8.50	7.52		14/12/22	7.71	8.92						7.47	8.64	7.24		16/12/22	8.00	9.51							5.82		7.79	
12/12/22	7.39	9.26					6.60	8.25	7.55		14/12/22	7.61	8.97						7.28	8.65	6.93		16/12/22	7.99	9.51						5.44		7.84		
12/12/22	7.56	9.03					6.69	8.21	7.47		14/12/22	7.73	9.01						7.32	8.64	6.84		16/12/22	7.91	9.72						5.25		7.78		
12/12/22	7.53	9.03					6.88	8.08	7.38		14/12/22	7.94	9.01						7.35	8.60	6.77		16/12/22	7.84	9.47						5.05		7.75		
12/12/22	7.53	8.95					6.97	8.01	7.25		14/12/22	8.04	9.14						7.29	8.60	6.69		16/12/22	7.73	9.23						4.88		7.74		
12/12/22	7.35	8.96					6.88	7.86	7.21		14/12/22	7.72	9.24						7.16	8.68	7.04		16/12/22	7.67	9.34						4.79		7.75		
12/12/22	7.53	9.00					6.79	7.67	6.87		14/12/22	7.85	9.55						7.29	8.72	7.30		16/12/22	7.69	9.24						6.01		7.73		
12/12/22	7.40	8.94					6.77	7.45	7.03		14/12/22	7.72	9.81						7.34	8.72	7.19		16/12/22	7.70	9.16						5.95		7.66		
12/12/22	7.28	8.95					6.63	7.75	7.11		14/12/22	7.91	10.00						7.37	9.04	6.82		16/12/22	7.67	9.23						6.47		7.47		
12/12/22	7.29	8.85					6.64	7.79	7.17		14/12/22	7.95	10.06						7.26	9.15	7.29		16/12/22	7.78	9.29						6.79		7.39		
12/12/22	7.35	8.95					6.56	7.74	7.22		14/12/22	7.81	10.18						7.15	9.71	7.53		17/12/22	7.81	9.31						6.81		7.07		
12/12/22	7.34	9.00					6.50	7.62	7.22		14/12/22	7.75	10.08						6.93	10.43	7.72		17/12/22	7.84	9.26						6.79		6.83		
12/12/22	7.37	9.00					6.10	7.48	7.21		14/12/22	7.84	10.10						6.73	10.15	7.94		17/12/22	7.64	9.23						6.74		6.64		
12/12/22	7.49	9.07					5.82	7.42	7.09		14/12/22	7.83	9.86						6.37	9.59	8.05		17/12/22	7.77	9.17						6.79		6.45		
12/12/22	7.49	8.96					5.63	7.43	7.06		14/12/22	7.90	9.80						6.19	9.62	8.25		17/12/22	7.67	9.00						6.94		6.47		
12/12/22	7.47	8.90					5.39	7.46	7.01		14/12/22	7.88	9.97						6.00	9.62	8.38		17/12/22	7.78	8.88						7.16		6.69		
12/12/22	7.36	8.89					5.14	7.49	7.09		14/12/22	7.86	9.97						5.75	9.83	8.35		17/12/22	7.84	8.86						7.13		6.97		
12/12/22	7.46	8.95					5.18	7.95	7.25		14/12/22	7.81	10.12						5.61	10.22	8.23		17/12/22	7.83	8.90						7.07		7.05		
12/12/22	7.55	8.94					5.96	8.08	7.33		14/12/22	7.81	9.92						6.33	10.17	8.10		17/12/22	7.68	8.87						6.95		7.16		
12/12/22	7.66	9.04					6.65	8.16	7.28		14/12/22	7.79	10.27						5.77	10.63	8.10		17/12/22	7.65	8.74						6.93		7.15		
12/12/22	7.71	9.14					6.98	8.17	7.35		14/12/22	7.86	10.60						5.30	10.60	8.11		17/12/22	7.56	8.65						6.87		7.16		
12/12/22	7.78	9.19					7.18	8.33	7.45		14/12/22	7.83	10.83						5.39	10.46	8.12		17/12/22	7.49	8.55						7.01		7.05		
12/12/22	7.80	9.20					7.25	8.55	7.52		14/12/22	7.78	10.77						6.20	10.79	8.09		17/12/22	7.65	8.48						7.15		6.96		
12/12/22	7.88	8.88					7.23	8.70	7.55		14/12/22	7.67	10.96						6.98	10.41	8.03		17/12/22	7.45	8.49						7.19		6.82		
12/12/22	7.94	9.09					7.34	8.88	7.53		14/12/22	7.62	11.00						6.80	10.15	7.89		17/12/22	7.51	8.55						7.21		6.81		
12/12/22	8.00	8.92					7.30	8.98	7.54		14/12/22	7.65	10.97						6.29	10.44	7.75		17/12/22	7.41	9.10						7.20		7.00		
12/12/22	8.00	8.95					7.20	9.03	7.53		14/12/22	7.72	10.68						6.82	11.27	7.69		17/12/22	7.36	8.94						7.03		7.18		
12/12/22	7.95	9.20					7.07	9.13	7.54		14/12/22	7.67	10.56						6.85	11.12	7.86		17/12/22	7.23	8.63						6.86		7.27		
12/12/22	7.96	9.30					7.10	8.98	7.54		14/12/22	7.69	10.32						7.35	11.01	8.13		17/12/22	6.92	8.56						6.70		7.39		
12/12/22	7.85	9.32					6.78	9.08	7.52		15/12/22	7.69	10.21						7.62	10.60	8.19		17/12/22	6.93	8.72						6.42		7.46		
12/12/22	7.87	9.16					6.63	9.89	7.60		15/12/22	7.60	10.09						7.70	9.71	8.19		17/12/22	6.85	8.73						6.13		7.50		
12/12/22	7.99	9.52					6.58	10.25	7.73		15/12/22	7.64	10.01						7.64	9.39	8.19		17/12/22	6.96	8.64						5.89		7.55		
12/12/22	8.02	9.64					6.47	9.74	7.84		15/12/22	7.67	9.96						7.73	9.15	8.17		17/12/22	7.10	8.69						5.67		7.67		
12/12/22	7.86	9.80					6.32	9.51	7.85		15/12/22	7.82	9.96						7.79	9.28	8.16		17/12/22	7.20	8.83						5.78		7.75		
12/12/22	7.76	9.84					6.08	9.65	7.83		15/12/22	8.13	9.90						7.66	9.24	8.14		17/12/22	7.30	9.03						5.38		7.80		
12/12/22	7.67	10.02					6.40	10.06	7.82		15/12/22	8.14	9.74						7.50	9.51	8.11		17/12/22	7.45	9.45						5.29		7.84		
12/12/22	7.56	10.20					6.57	10.17	7.89		15/12/22	7.97	9.62						7.48	9.80	8.08		17/12/22	7.57	9.64						6.90		7.95		
12/12/22	7.52	10.40					6.52	9.94	7.88		15/12/22	8.01	9.65						7.27	9.96	8.03		17/12/22	7.78	9.75						7.45		8.02		
12/12/22	7.62	10.41					6.38	10.57	7.80		15/12/22	8.12	9.53						7.08	10.00	7.86		17/12/22	7.96	9.95						7.72		8.13		
12/12/22	7.71	10.41					6.17	10.44	7.80		15/12/22	8.01	9.40						6.92	9.84	7.80		17/12/22	8.07	9.94						7.87		8.15		
12/12/22	7.72	10.36					7.45	10.04	7.80		15/12/22	8.24	9.28						6.59	9.67	7.73		17/12/22	8.11	10.12						8.11		8.09		
12/12/22	7.74	10.53					7.81	10.06	7.80		15/12/22	8.07	9.29						6.37	9.45	7.56		17/12/22	7.98	10.43						8.18		7.99		
12/12/22	7.71	10.55					7.88	10.57	7.81		15/12/22	8.08	9.29						6.20	9.23	7.52		17/12/22	7.87	10.36						8.07		8.19		
12/12/22	7.65	10.49					7.92	10.03	7.77		15/12/22	7.83	9.32						6.03	9.24	7.56		17/12/22	7.72	10.32						8.08		8.18		
12/12/22	7.65	10.32					7.93	9.76	7.66		15/12/22	7.45	9.41						5.69	9.20	7.75		17/12/22	7.79	10.23						8.11		8.19		
12/12/22	7.67	10.23					7.84	10.50	7.57		15/12/22	7.35	9.53						5.54	8.96	7.78		17/12/22	8.04	10.29						8.10		8.14		
12/12/22	7.75	10.11					7.84	9.93	7.66		15/12/22	7.29	9.54						5.31	9.00	7.69		17/12/22	8.04	10.18						8.13		8.07		
12/12/22	7.82	9.93					7.86	9.74	7.88		15/12/22	7.21	9.65						6.65	9.08	7.66		17/12/22	8.00	9.99						7.98		7.99		
13/12/22	7.87	9.96					7.75	9.87	7.95		15/12/22	7.26	9.68						6.94	8.96	7.58		17/12/22												

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l
19/12/22	7.86	11.03					7.68		8.29		21/12/22	7.62	11.02									23/12/22	5.48	9.46					7.93		8.11	
19/12/22	8.06	10.76					7.62		8.15		21/12/22	7.65	11.22									24/12/22	5.18	9.54					7.76		7.95	
19/12/22	8.15	10.51					7.65		8.18		21/12/22	7.61	11.29									24/12/22	4.92	9.58					7.67		7.95	
19/12/22	8.14	10.35					7.55		8.15		21/12/22	7.64	11.56									24/12/22	4.61	9.58					7.59		7.86	
19/12/22	8.16	10.30					7.45		8.10		21/12/22	7.72	11.79									24/12/22	5.77	9.53					7.46		7.72	
19/12/22	8.15	10.21					7.48		8.04		21/12/22	7.71	11.94									24/12/22	5.44	9.49					7.19		7.65	
19/12/22	8.19	10.33					7.57		7.98		21/12/22	7.45	12.04									24/12/22	6.35	9.57					7.00		7.56	
19/12/22	8.14	10.44					7.59		7.94		21/12/22	7.37	11.74									24/12/22	6.27	9.50					6.91		7.50	
19/12/22	8.00	10.34					7.56		7.87		21/12/22	7.48	11.84									24/12/22	6.49	9.39					6.80		7.64	
19/12/22	7.97	10.54					7.28		7.94		21/12/22	7.47	12.05									24/12/22	6.56	9.40					6.65		7.65	
19/12/22	7.80	10.62					7.10		7.80		21/12/22	7.25	11.77									24/12/22	7.16	9.45					6.49		7.76	
19/12/22	7.83	10.44					6.75		7.62		21/12/22	7.11	11.39									24/12/22	6.97	10.07					6.02		7.80	
19/12/22	8.17	10.29					7.10		7.75		21/12/22	6.80	11.20									24/12/22	7.16	10.62					7.03		7.80	
19/12/22	8.42	10.46					7.02		7.78		21/12/22	6.41	11.04									24/12/22	6.47	10.57					7.13		7.82	
19/12/22	8.26	10.54					6.58		7.83		21/12/22	6.11	10.62									24/12/22	5.76	10.21					7.37		7.80	
19/12/22	8.45	10.74					6.38		7.94		21/12/22	5.76	10.55									24/12/22	5.35	9.61					7.56		7.71	
19/12/22	8.68	10.86					6.15		8.12		21/12/22	5.56	10.43									24/12/22	5.08	9.83					7.64		7.73	
19/12/22	8.70	11.02					5.91		8.31		21/12/22	5.35	10.19									24/12/22	4.81	9.70					7.69		7.72	
19/12/22	8.78	11.05					5.77		8.44		21/12/22	5.03	10.17									24/12/22	4.81	9.22					7.74		7.62	
19/12/22	8.41	11.27					5.31		8.53		21/12/22	5.16	9.98									24/12/22	4.98	9.12					7.69		7.62	
19/12/22	8.67	11.42					5.12		8.49		22/12/22	7.15	9.89									24/12/22	4.74	9.28					7.58		7.60	
19/12/22	8.78	11.58					4.98		8.61		22/12/22	6.56	9.93									24/12/22	4.81	9.16					7.42		7.52	
19/12/22	8.99	11.58					4.91		8.56		22/12/22	6.12	10.00									24/12/22	4.57	9.03					7.33		7.48	
19/12/22	9.15	12.04					4.65		8.46		22/12/22	5.83	10.09									24/12/22	4.62	8.97					7.30		7.43	
19/12/22	9.11	11.55					4.52		8.51		22/12/22	5.84	10.61									24/12/22	4.53	9.01					7.26		7.41	
19/12/22	9.07	11.32					5.42		8.70		22/12/22	5.96	10.55									24/12/22	5.76	8.96					7.00		7.38	
19/12/22	9.09	11.31					6.72		8.77		22/12/22	5.61	10.30									24/12/22	6.33	8.90					6.80		7.30	
19/12/22	9.22	11.23					7.14		8.70		22/12/22	5.27	10.37									24/12/22	6.24	9.26					6.74		7.51	
19/12/22	9.33	11.36					7.35		8.80		22/12/22	4.90	10.36									24/12/22	5.92	9.04					6.61		7.63	
19/12/22	9.28	11.49					7.53		8.67		22/12/22	4.54	10.10									24/12/22	5.97	9.17					6.63		7.72	
19/12/22	9.87	11.30					7.60		8.54		22/12/22	4.32	10.09									24/12/22	5.92	9.52					6.63		7.81	
19/12/22	8.59	11.36					7.58		8.49		22/12/22	4.11	10.36									24/12/22	6.54	9.76					6.62		7.89	
19/12/22	8.39	11.34					7.48		8.33		22/12/22	4.22	10.09									24/12/22	6.19	10.16					6.61		7.95	
19/12/22	8.22	11.29					7.47		8.29		22/12/22	4.68	9.59									24/12/22	6.86	10.56					6.70		8.03	
19/12/22	8.21	11.30					7.41		8.24		22/12/22	5.11	9.49									24/12/22	7.25	10.74					6.62		8.08	
19/12/22	8.52	11.43					7.38		8.18		22/12/22	5.18	9.48									24/12/22	6.96	10.91					6.35		8.09	
19/12/22	8.27	11.19					7.24		8.00		22/12/22	5.59	9.32									24/12/22	7.03	10.97					6.21		8.18	
19/12/22	8.45	11.51					7.09		7.89		22/12/22	5.76	9.24									24/12/22	7.02	10.85					6.26		8.23	
19/12/22	8.12	11.64					6.94		7.96		22/12/22	6.02	9.17									24/12/22	6.91	10.71					6.34		8.23	
20/12/22	8.17	11.63					6.58		8.07		22/12/22	5.90	9.03									24/12/22	6.74	10.09					6.36		8.19	
20/12/22	7.72	11.76					6.21		8.17		22/12/22	5.44	8.81									24/12/22	6.54	10.95					6.30		8.19	
20/12/22	7.74	11.87					6.11		8.29		22/12/22	6.36	8.85									24/12/22	6.58	11.08					7.43		8.10	
20/12/22	7.74	11.86					6.07		8.37		22/12/22	6.52	8.88									24/12/22	6.66	10.93					7.52		7.95	
20/12/22	7.74	11.95					5.98		8.50		22/12/22	6.50	8.95									24/12/22	6.24	10.68					7.70		7.97	
20/12/22	7.64	12.06					5.89		8.54		22/12/22	5.82	9.13									24/12/22	6.13	10.54					7.73		8.12	
20/12/22	7.81	12.75					5.77		8.48		22/12/22	5.31	9.18									24/12/22	5.89	10.40					7.79		8.19	
20/12/22	8.04	12.14					5.63		8.33		22/12/22	5.73	9.38									24/12/22	6.32	10.11					7.71		8.19	
20/12/22	8.09	12.18					5.47		8.35		22/12/22	6.82	9.57									24/12/22	5.90	9.74					7.74		8.13	
20/12/22	8.18	12.04					5.77		8.40		22/12/22	7.53	9.86									24/12/22	5.60	9.54					7.86		8.07	
20/12/22	8.17	11.46					6.63		8.52		22/12/22	7.60	10.23									25/12/22	5.67	9.20					7.72		8.06	
20/12/22	8.20	11.12					7.17		8.56		22/12/22	7.17	10.66									25/12/22	5.37	9.43					7.54		7.98	
20/12/22	8.20	11.21					7.30		8.48		22/12/22	7.15	10.63									25/12/22	5.20	9.48					7.42		7.89	
20/12/22	8.18	11.05					7.37		8.41		22/12/22	6.84	10.62									25/12/22	4.97	9.47					7.30		7.77	
20/12/22	8.12	10.94					7.37		8.35		22/12/22	6.66	10.89									25/12/22	5.98	9.41					7.22		7.61	
20/12/22	8.04	10.83					7.25		8.27		22/12/22	6.89	11.13									25/12/22	6.31	9.41					6.92		7.53	
20/12/22	7.93	10.71					7.31	</																								

data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2	data	PNC1			ENC1		ENC2	ENC4	PC1	EC	PC2
	ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l		ve1 mg/l	ve2 mg/l	ve5 mg/l	ve10 mg/l	ve3 mg/l	ve4 mg/l	ve6 mg/l	ve7 mg/l	ve8 mg/l	ve9 mg/l
26/12/22	5.51	9.39					6.50	6.56			28/12/22	7.41	10.74				5.63	5.59			31/12/22	3.59	10.50					7.48		6.03		
26/12/22	5.57	9.65					6.92	6.76			28/12/22	7.41	10.41				5.24	5.62			31/12/22	4.34	10.45					7.39		6.13		
26/12/22	5.38	9.51					7.05	7.13			28/12/22	7.28	10.20				6.03	5.90			31/12/22	4.33	10.37					7.30		6.20		
26/12/22	5.25	9.27					7.25	7.25			28/12/22	7.31	10.62				7.50	6.39			31/12/22	4.17	10.10					7.20		6.25		
26/12/22	5.11	9.34					7.25	7.27			28/12/22	7.28	11.09				6.45	6.63			31/12/22	3.76	9.85					6.86		6.22		
26/12/22	4.79	9.45					7.16	7.27			28/12/22	7.33	11.19				5.84	6.44			31/12/22	3.55	9.91					6.68		6.22		
26/12/22	4.52	9.56					7.04	7.28			28/12/22	7.37	10.97				5.40	6.54			31/12/22	5.19	10.15					6.85		6.13		
26/12/22	5.23	9.64					7.02	7.25			28/12/22	7.33	11.01				5.25	6.33			31/12/22	6.83	10.30					6.91		5.80		
26/12/22	6.54	9.77					6.95	7.07			28/12/22	7.29	10.87				4.99	6.15			31/12/22	6.46	10.18					6.79		5.73		
26/12/22	6.91	9.78					6.82	7.08			28/12/22	7.09	10.49				6.13	6.01			31/12/22	6.38	9.96					6.43		5.63		
26/12/22	6.58	9.39					6.52	6.85			28/12/22	6.98	10.11				6.94	5.88			31/12/22	6.65	10.21					6.16		5.56		
26/12/22	6.64	9.15					6.25	7.14			29/12/22	7.08	10.13				7.51	6.35			31/12/22	6.52	10.36					5.93		5.61		
26/12/22	6.43	9.26					6.09	7.29			29/12/22	7.18	10.37				7.84	6.67			31/12/22	6.49	10.57					5.63		5.65		
26/12/22	6.19	9.63					5.92	7.41			29/12/22	7.01	10.88				7.95	6.98			31/12/22	6.15	10.83					5.24		5.56		
26/12/22	6.31	10.05					5.75	7.50			29/12/22	6.50	10.75				7.86	7.09			31/12/22	6.26	11.16					5.01		5.44		
26/12/22	6.29	10.18					5.60	7.23			29/12/22	6.24	10.69				7.90	6.99			31/12/22	6.20	11.25					4.77		5.43		
26/12/22	6.74	10.34					5.47	7.22			29/12/22	5.96	10.56				7.79	7.04			31/12/22	6.79	11.69					4.71		5.38		
26/12/22	6.57	10.56					5.39	7.42			29/12/22	5.66	10.53				7.65	7.12			31/12/22	6.53	11.95					4.67		5.30		
26/12/22	6.69	10.83					5.27	7.37			29/12/22	5.41	10.49				7.57	7.14			31/12/22	6.42	11.96					4.68		5.25		
26/12/22	6.86	11.04					5.25	7.21			29/12/22	5.61	10.50				7.44	7.15			31/12/22	6.46	11.88					4.79		5.13		
26/12/22	6.89	11.22					5.29	7.37			29/12/22	5.59	10.45				7.28	7.09			31/12/22	6.11	12.11					4.71		4.89		
26/12/22	6.48	11.22					5.32	7.38			29/12/22	5.61	10.39				7.20	6.94			31/12/22	5.79	12.08					4.37		4.57		
26/12/22	6.18	11.16					5.31	7.40			29/12/22	5.52	10.30				7.13	6.79			31/12/22	5.54	12.15					4.20		4.44		
26/12/22	6.20	11.28					5.34	7.27			29/12/22	7.08	10.27				7.07	6.57			31/12/22	5.18	12.15					4.18		4.31		
26/12/22	6.02	11.30					6.78	7.11			29/12/22	6.88	10.17				6.91	6.61			31/12/22	5.13	12.12					4.37		4.17		
26/12/22	6.16	11.12					7.17	7.08			29/12/22	6.88	9.91				6.66	6.35			31/12/22	5.16	11.99					4.64		4.14		
26/12/22	6.07	10.84					7.29	7.28			29/12/22	6.76	9.65				6.70	6.59			31/12/22	5.19	11.64					5.39		4.18		
26/12/22	5.84	10.44					7.30	7.48			29/12/22	6.62	9.77				6.66	6.68			31/12/22	4.95	11.42					6.12		4.68		
26/12/22	5.57	10.04					7.49	7.68			29/12/22	6.39	10.17				6.35	6.44			31/12/22	4.70	11.68					6.54		5.06		
26/12/22	5.21	9.87					7.61	7.75			29/12/22	6.27	10.36				6.08	5.94			31/12/22		12.28					6.68		5.42		
27/12/22	4.88	9.80					7.67	7.77			29/12/22	6.08	10.34				5.81	5.43			31/12/22		12.64					6.60		5.64		
27/12/22	4.76	9.69					7.53	7.72			29/12/22	7.02	10.14				6.20	4.88			31/12/22		12.58					6.47		5.81		
27/12/22	5.16	9.58					7.34	7.69			29/12/22	6.42	10.15				6.72	4.53			31/12/22		12.48					6.33		5.86		
27/12/22	5.33	9.27					7.53	7.68			29/12/22	6.26	10.37				6.71	4.47			31/12/22		12.35					6.21		5.59		
27/12/22	5.23	9.22					7.46	7.61			29/12/22	6.73	10.49				7.03	4.60			31/12/22		12.39					6.05		5.16		
27/12/22	5.14	9.20					7.28	7.55			29/12/22	6.50	10.71				7.16	4.26			31/12/22		12.44					5.42		4.51		
27/12/22	4.90	9.19					7.08	7.49			29/12/22	5.65	10.76				7.07	4.10			31/12/22		12.79					4.72		4.07		
27/12/22	5.54	9.19					6.93	7.46			29/12/22	6.26	10.65				6.93	4.16			31/12/22		12.79					4.46		3.91		
27/12/22	5.68	9.24					6.80	7.33			29/12/22	7.17	10.91				6.77	4.13			31/12/22		12.73					4.53		3.74		
27/12/22	3.92	9.23					6.53	6.72			29/12/22	6.57	11.29				6.50	4.50			31/12/22		12.63					4.69		3.19		
27/12/22	5.01	9.13					6.36	6.44			29/12/22	6.00	11.55				5.97	4.91														
27/12/22	4.76	9.01					6.18	6.20			29/12/22	5.59	11.81				5.86	4.99														
27/12/22	5.75	9.16					6.02	6.52			29/12/22	5.26	11.53				5.59	5.10														
27/12/22	5.56	9.15					6.04	6.55			29/12/22	5.12	10.78				5.41	5.19														
27/12/22	5.79	9.46					5.91	6.37			29/12/22	5.12	10.82				5.10	4.78														
27/12/22		9.69					5.52	6.00			29/12/22	5.53	11.22				4.89	4.84														
27/12/22		9.77					6.34	5.58			29/12/22	5.69	10.70				4.76	4.75														
27/12/22	6.20	9.83					6.65	5.48			29/12/22	5.97	10.67				4.45	4.20														
27/12/22	6.27	10.01					6.69	5.28			29/12/22	6.16	10.68				4.12	4.11														
27/12/22	6.67	9.73					6.52	5.21			29/12/22	6.26	10.76				4.03	3.95														
27/12/22	6.70	9.64					6.69	5.16			29/12/22	6.49	10.95				3.96	4.18														
27/12/22	6.63	9.77					6.93	5.50			29/12/22	6.55	10.90				3.91	4.37														
27/12/22	6.68	9.92					7.08	5.79			29/12/22	6.56	10.82				3.82	5.01														
27/12/22	6.84	10.09					7.28	5.74			29/12/22	6.71	10.89				3.67	5.38														
27/12/22	6.82	10.18					7.21	6.02			29/12/22	6.62	11.54				3.56	5.43														
27/12/22	7.20	10.51					7.13	6.23			29/12/22	6.38	11.22				5.18	5.54														
27/12/22	7.54	10.56					7.00	6.33			29/12/22	6.09	11.73				6.06	5.43														
27/12/22	7.40	10.69																														